

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055907.D
 Acq On : 6 Dec 2022 17:23
 Operator : CG/JU
 Sample : N5884-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MS

Quant Time: Dec 07 05:10:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.162	152	31116	20.000	ng	0.00
21) Naphthalene-d8	10.994	136	132718	20.000	ng	0.00
39) Acenaphthene-d10	14.801	164	92224	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	200101	20.000	ng	0.00
76) Chrysene-d12	21.828	240	188554	20.000	ng	0.00
86) Perylene-d12	25.183	264	196364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	225926	131.240	ng	0.00
7) Phenol-d6	7.328	99	298534	130.275	ng	0.00
23) Nitrobenzene-d5	9.343	82	192927	76.833	ng	0.00
42) 2,4,6-Tribromophenol	16.294	330	145569	112.094	ng	0.00
45) 2-Fluorobiphenyl	13.427	172	437988	71.149	ng	0.00
79) Terphenyl-d14	20.130	244	648839	68.827	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.497	88	26613	36.175	ng	94
3) Pyridine	3.914	79	77319	34.259	ng	95
4) n-Nitrosodimethylamine	3.826	42	53174	44.502	ng	93
6) Aniline	7.481	93	55710	19.355	ng	99
8) 2-Chlorophenol	7.733	128	100004	50.816	ng	97
9) Benzaldehyde	7.293	77	48612	31.236	ng	96
10) Phenol	7.357	94	127755	49.791	ng	96
11) bis(2-Chloroethyl)ether	7.575	93	89078	45.301	ng	99
12) 1,3-Dichlorobenzene	8.056	146	106870	46.189	ng	98
13) 1,4-Dichlorobenzene	8.203	146	109526	46.845	ng	96
14) 1,2-Dichlorobenzene	8.526	146	106713	47.630	ng	98
15) Benzyl Alcohol	8.409	79	95597	51.331	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.691	45	173421	48.719	ng	100
17) 2-Methylphenol	8.620	107	89668	49.223	ng	99
18) Hexachloroethane	9.261	117	43022	53.462	ng	# 90
19) n-Nitroso-di-n-propyla...	8.973	70	76157	43.254	ng	95
20) 3+4-Methylphenols	8.949	107	120868	47.498	ng	97
22) Acetophenone	8.996	105	163174	47.315	ng	# 95
24) Nitrobenzene	9.390	77	117751	44.895	ng	99
25) Isophorone	9.907	82	218571	45.941	ng	# 94
26) 2-Nitrophenol	10.101	139	58841	48.598	ng	87
27) 2,4-Dimethylphenol	10.160	122	97439	52.877	ng	98
28) bis(2-Chloroethoxy)met...	10.383	93	120863	47.320	ng	97
29) 2,4-Dichlorophenol	10.647	162	104979	47.596	ng	98
30) 1,2,4-Trichlorobenzene	10.859	180	116020	45.277	ng	97
31) Naphthalene	11.047	128	323935	45.151	ng	98
32) Benzoic acid	10.336	122	51083	33.694	ng	# 71
33) 4-Chloroaniline	11.159	127	60348	20.391	ng	99
34) Hexachlorobutadiene	11.323	225	76717	43.845	ng	97
35) Caprolactam	11.946	113	23976	31.413	ng	# 75
36) 4-Chloro-3-methylphenol	12.275	107	110519	45.590	ng	97
37) 2-Methylnaphthalene	12.645	142	254449	47.367	ng	98
38) 1-Methylnaphthalene	12.862	142	236534	45.357	ng	99
40) 1,2,4,5-Tetrachloroben...	13.009	216	141283	48.749	ng	99
41) Hexachlorocyclopentadiene	12.980	237	24252	16.603	ng	98
43) 2,4,6-Trichlorophenol	13.250	196	88716	44.875	ng	97

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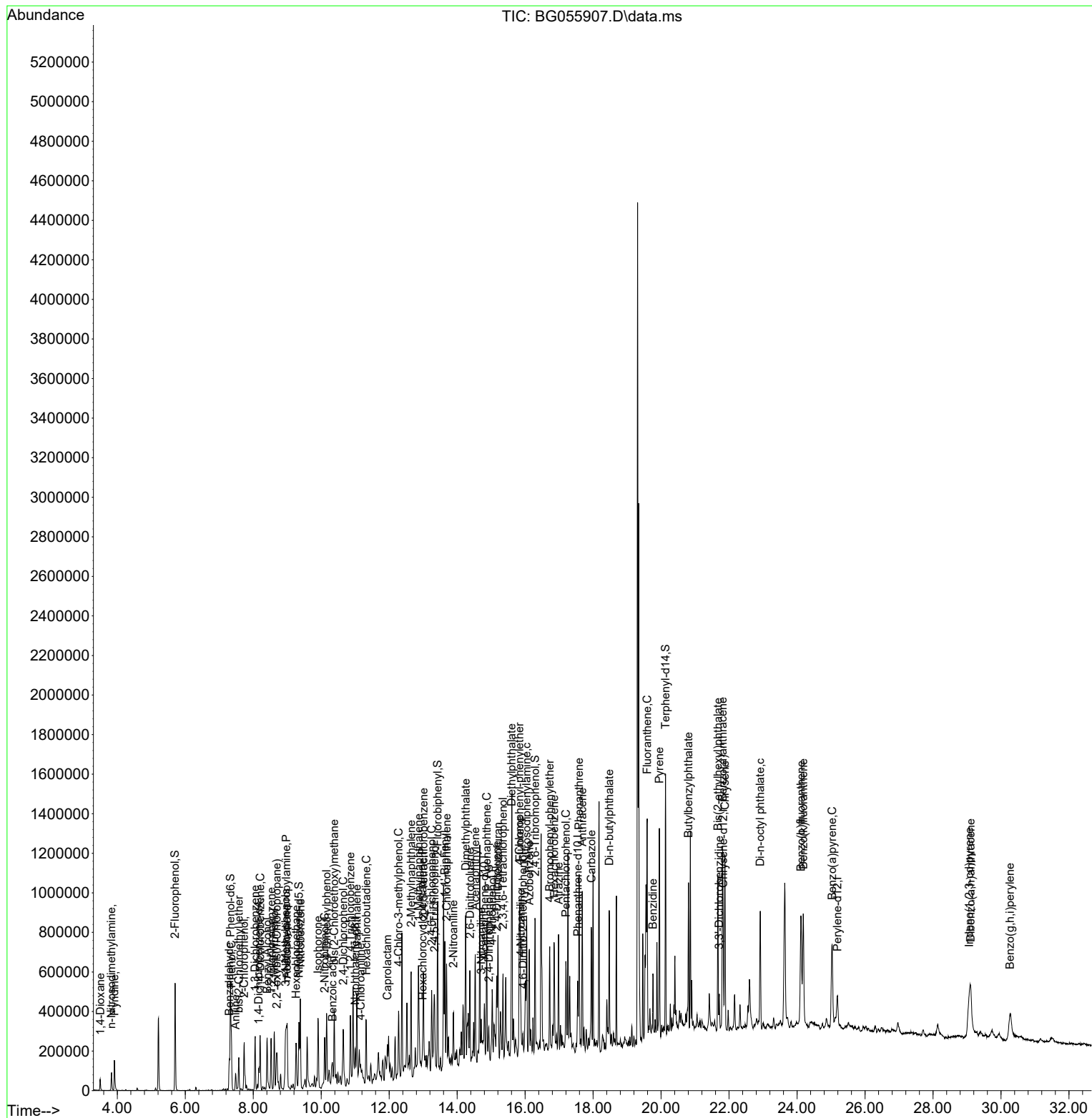
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.333	196	94463	43.480	ng	96
46) 1,1'-Biphenyl	13.638	154	316443	47.086	ng	99
47) 2-Chloronaphthalene	13.691	162	235508	45.085	ng	99
48) 2-Nitroaniline	13.891	65	79622	46.362	ng	100
49) Acenaphthylene	14.531	152	382152	44.427	ng	99
50) Dimethylphthalate	14.249	163	292716	39.816	ng	99
51) 2,6-Dinitrotoluene	14.378	165	64976	43.225	ng	97
52) Acenaphthene	14.866	154	229678	40.854	ng	97
53) 3-Nitroaniline	14.707	138	48813	29.581	ng	98
54) 2,4-Dinitrophenol	14.931	184	24187	27.985	ng	96
55) Dibenzofuran	15.201	168	378588	43.653	ng	98
56) 4-Nitrophenol	15.031	139	94388	72.880	ng	90
57) 2,4-Dinitrotoluene	15.166	165	90339	42.626	ng	# 96
58) Fluorene	15.847	166	303897	43.872	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.348	232	76555	36.366	ng	92
60) Diethylphthalate	15.600	149	288022	38.750	ng	98
61) 4-Chlorophenyl-phenyle...	15.830	204	160626	42.185	ng	98
62) 4-Nitroaniline	15.871	138	54148	31.391	ng	90
63) Azobenzene	16.123	77	271753	41.878	ng	97
65) 4,6-Dinitro-2-methylph...	15.935	198	23611	21.131	ng	90
66) n-Nitrosodiphenylamine	16.041	169	262333	47.571	ng	98
67) 4-Bromophenyl-phenylether	16.723	248	104738	45.939	ng	98
68) Hexachlorobenzene	16.852	284	113441	44.873	ng	99
69) Atrazine	16.987	200	102727	47.101	ng	98
70) Pentachlorophenol	17.199	266	100965	65.287	ng	98
71) Phenanthrene	17.586	178	546861	50.643	ng	99
72) Anthracene	17.680	178	489295	46.636	ng	99
73) Carbazole	17.945	167	412679	43.753	ng	99
74) Di-n-butylphthalate	18.474	149	490153	41.851	ng	99
75) Fluoranthene	19.590	202	643637	48.995	ng	99
77) Benzidine	19.760	184	199547	45.746	ng	100
78) Pyrene	19.948	202	661470	51.828	ng	99
80) Butylbenzylphthalate	20.806	149	213501	42.731	ng	96
81) Benzo(a)anthracene	21.811	228	630326	48.536	ng	99
82) 3,3'-Dichlorobenzidine	21.711	252	74469	16.319	ng	96
83) Chrysene	21.875	228	586007	47.399	ng	99
84) Bis(2-ethylhexyl)phtha...	21.670	149	314490	43.798	ng	99
85) Di-n-octyl phthalate	22.915	149	547166	44.528	ng	96
87) Indeno(1,2,3-cd)pyrene	29.067	276	528193	32.834	ng	# 75
88) Benzo(b)fluoranthene	24.114	252	640919	50.118	ng	98
89) Benzo(k)fluoranthene	24.185	252	623685	48.926	ng	99
90) Benzo(a)pyrene	25.031	252	575290	52.423	ng	99
91) Dibenzo(a,h)anthracene	29.108	278	479520	36.478	ng	100
92) Benzo(g,h,i)perylene	30.266	276	404119	30.501	ng	100

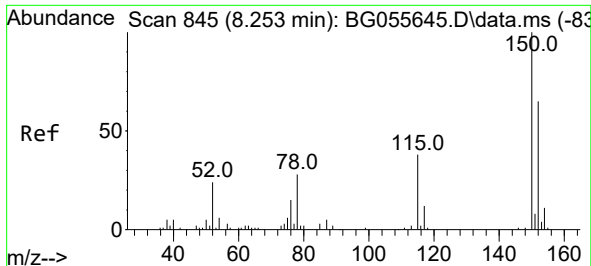
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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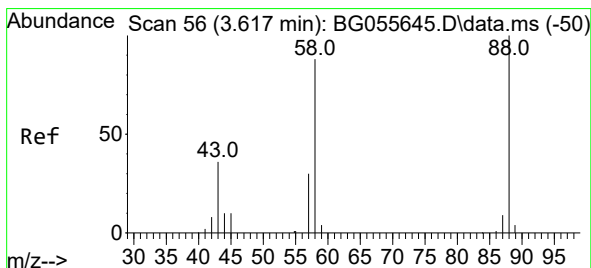
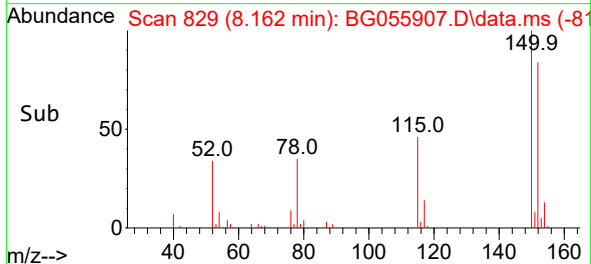
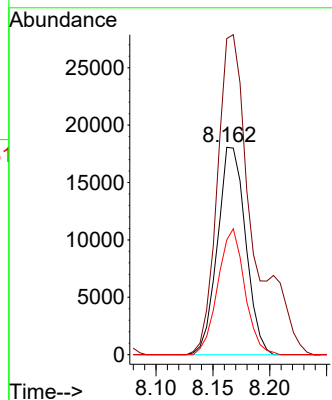
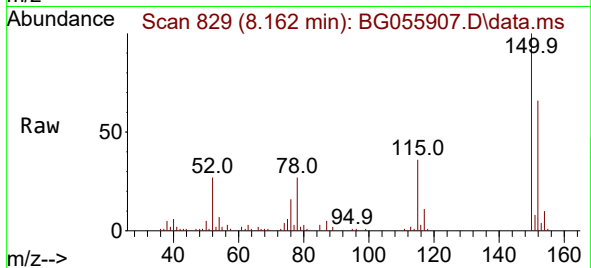




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.162 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG055907.D
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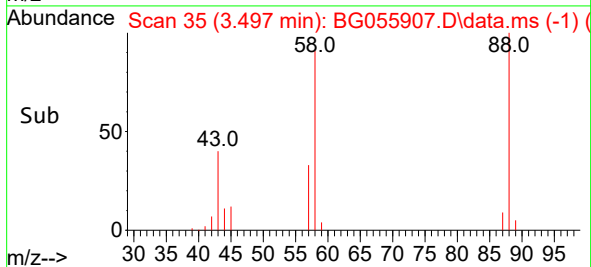
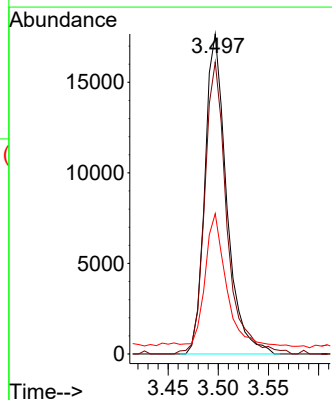
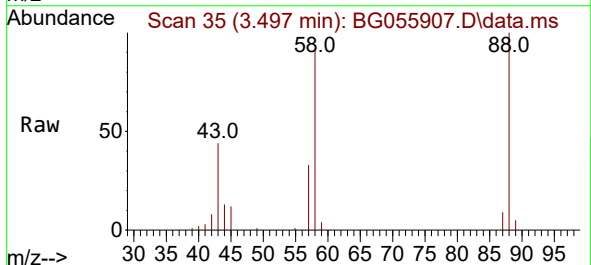
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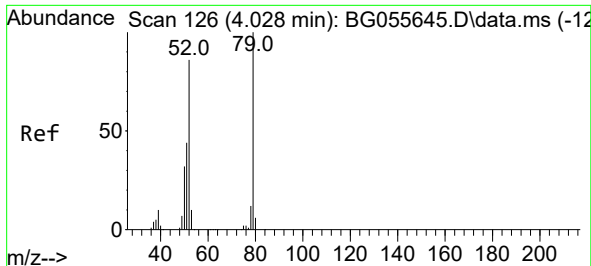
Tgt Ion:152 Resp: 31116
Ion Ratio Lower Upper
152 100
150 152.5 123.0 184.6
115 55.3 47.0 70.4



#2
1,4-Dioxane
Concen: 36.175 ng
RT: 3.497 min Scan# 35
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion: 88 Resp: 26613
Ion Ratio Lower Upper
88 100
58 93.1 71.3 106.9
43 42.3 28.6 43.0

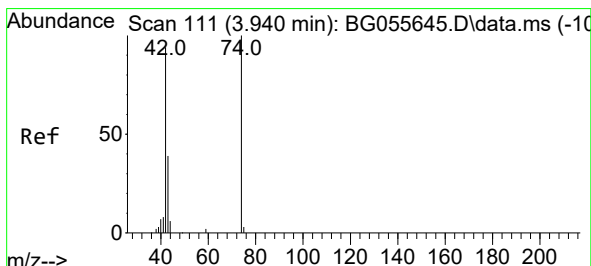
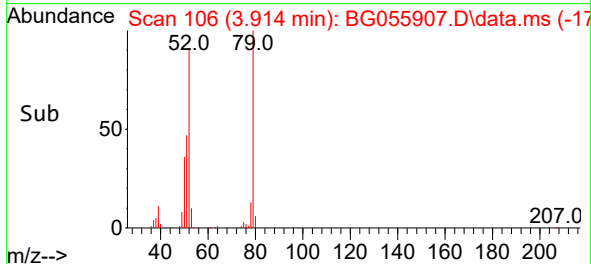
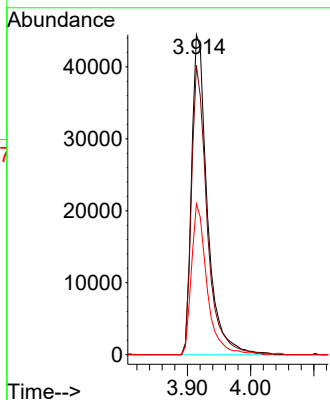
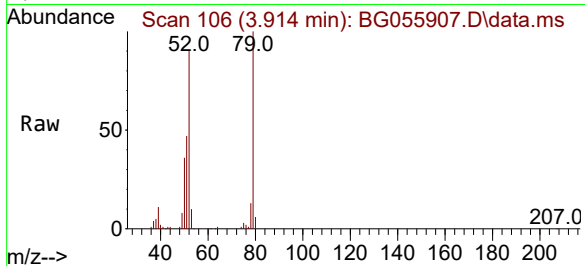




#3
 Pyridine
 Concen: 34.259 ng
 RT: 3.914 min Scan# 106
 Delta R.T. -0.006 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

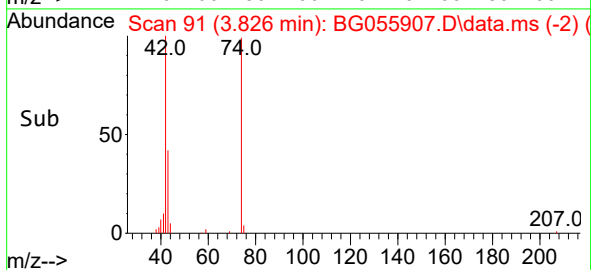
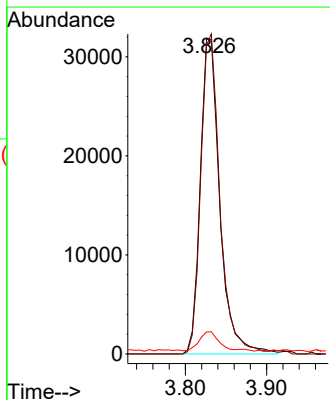
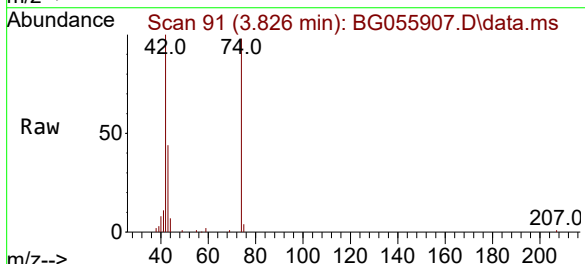
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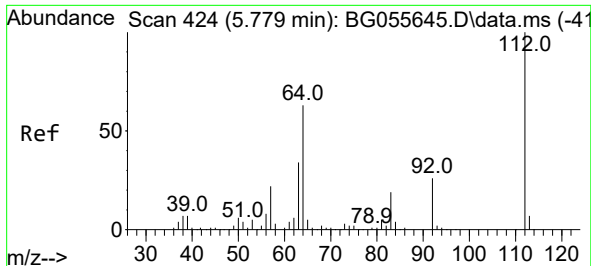
Tgt Ion: 79 Resp: 77319
 Ion Ratio Lower Upper
 79 100
 52 90.3 68.9 103.3
 51 47.1 34.8 52.2



#4
 n-Nitrosodimethylamine
 Concen: 44.502 ng
 RT: 3.826 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

Tgt Ion: 42 Resp: 53174
 Ion Ratio Lower Upper
 42 100
 74 98.0 84.7 127.1
 44 7.0 5.4 8.0

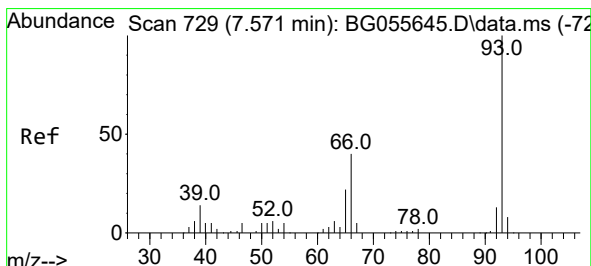
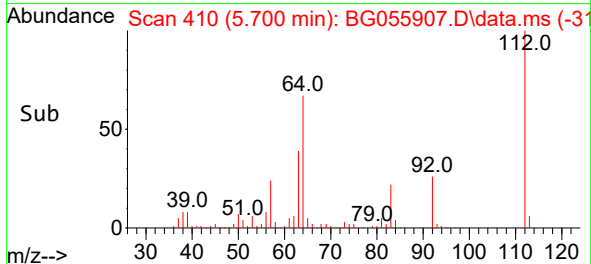
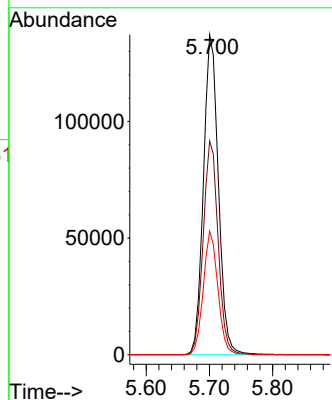
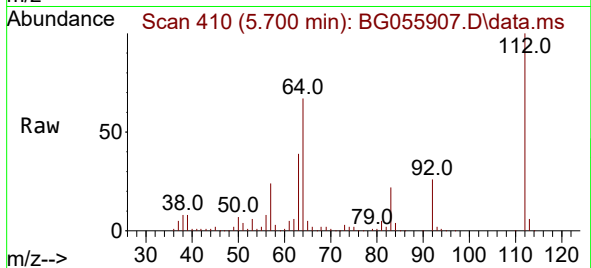




#5
2-Fluorophenol
Concen: 131.240 ng
RT: 5.700 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

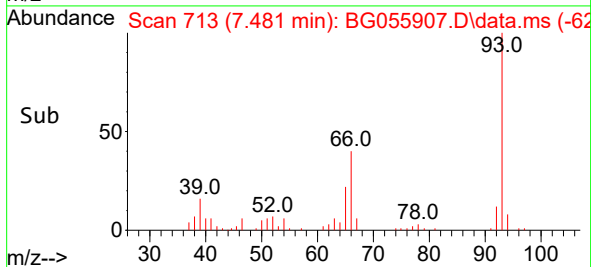
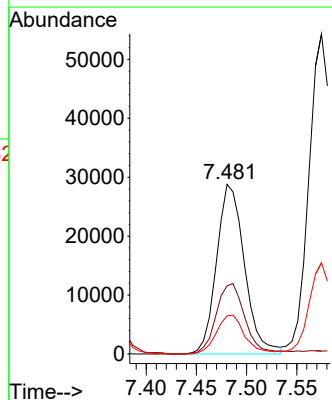
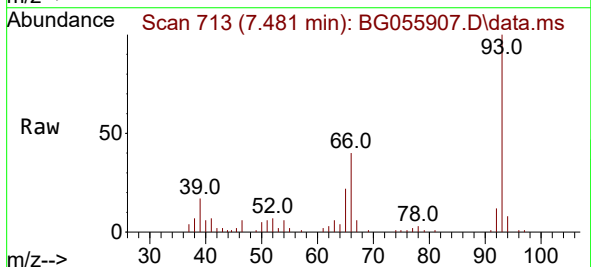
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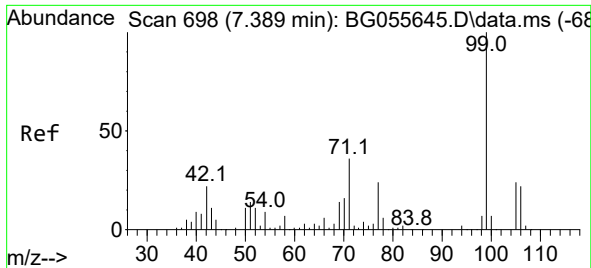
Tgt Ion:112 Resp: 225926
Ion Ratio Lower Upper
112 100
64 66.8 50.6 76.0
63 38.5 27.5 41.3



#6
Aniline
Concen: 19.355 ng
RT: 7.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion: 93 Resp: 55710
Ion Ratio Lower Upper
93 100
66 40.1 31.7 47.5
65 22.5 17.9 26.9

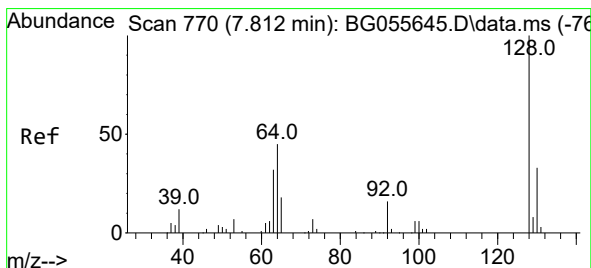
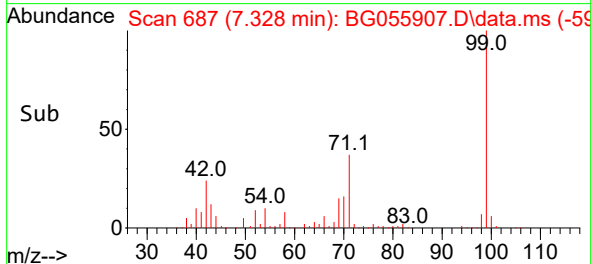
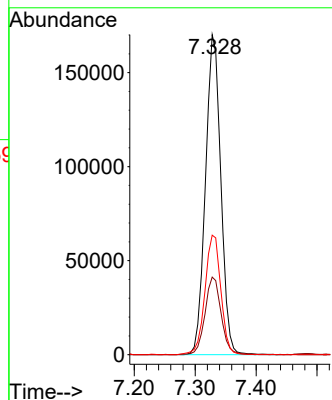
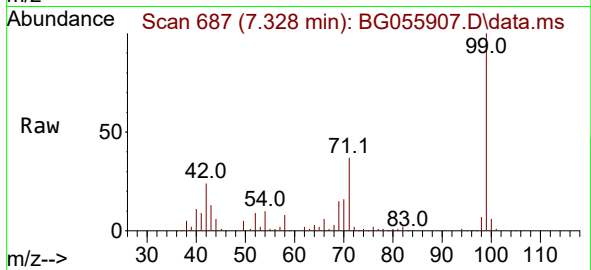




#7
Phenol-d6
Concen: 130.275 ng
RT: 7.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

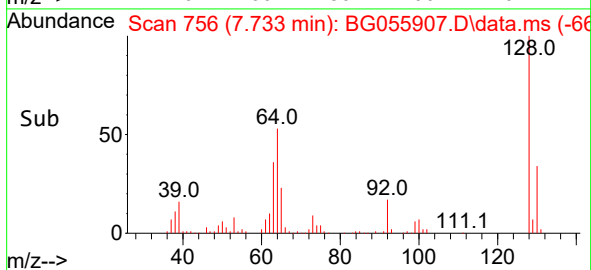
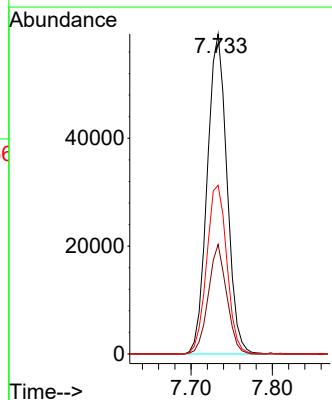
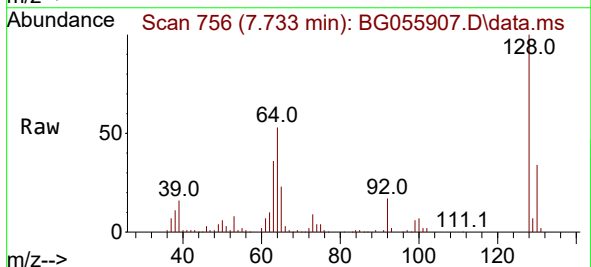
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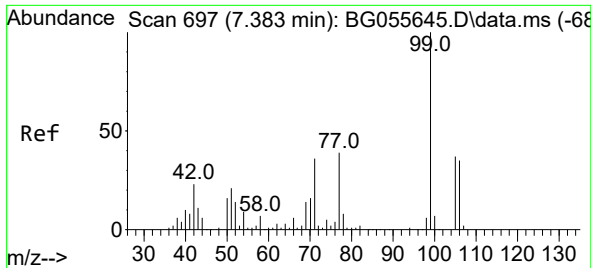
Tgt Ion: 99 Resp: 298534
Ion Ratio Lower Upper
99 100
42 24.2 18.0 27.0
71 37.4 29.0 43.6



#8
2-Chlorophenol
Concen: 50.816 ng
RT: 7.733 min Scan# 756
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:128 Resp: 100004
Ion Ratio Lower Upper
128 100
130 34.3 13.1 53.1
64 52.7 30.2 70.2

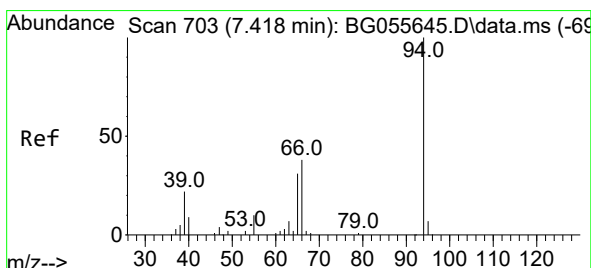
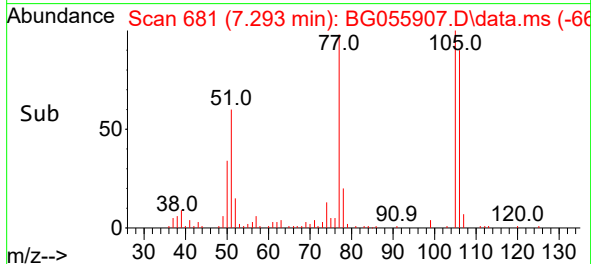
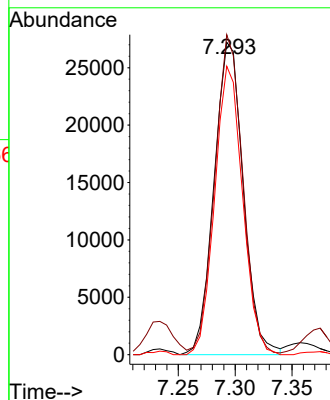
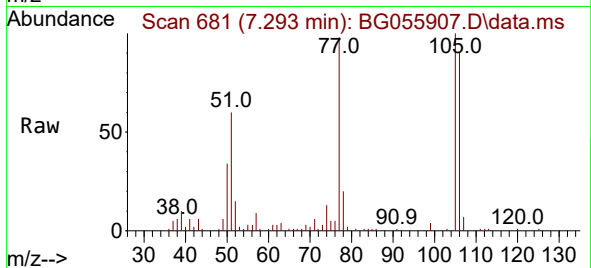




#9
Benzaldehyde
Concen: 31.236 ng
RT: 7.293 min Scan# 61
Delta R.T. 0.000 min
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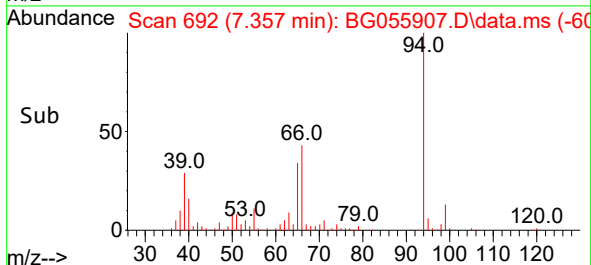
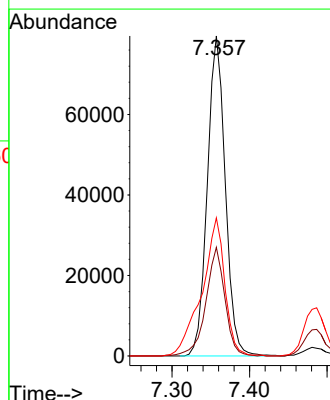
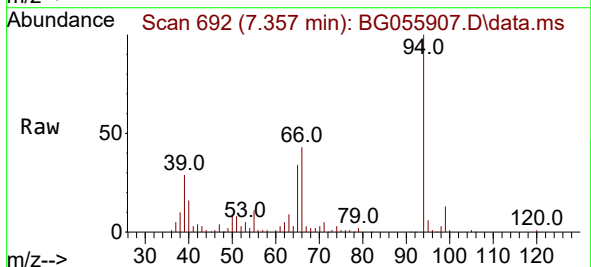
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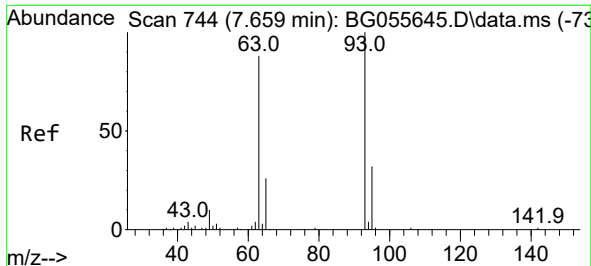
Tgt Ion: 77 Resp: 48612
Ion Ratio Lower Upper
77 100
105 102.4 76.3 116.3
106 92.3 69.8 109.8



#10
Phenol
Concen: 49.791 ng
RT: 7.357 min Scan# 692
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 127755
Ion Ratio Lower Upper
94 100
65 34.0 11.8 51.8
66 43.1 20.5 60.5

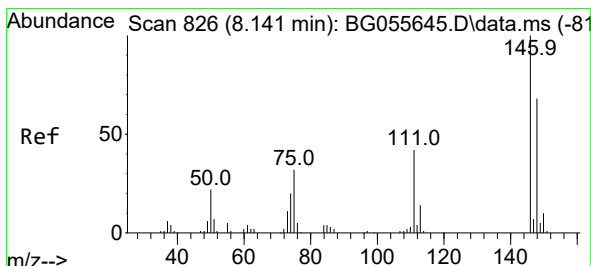
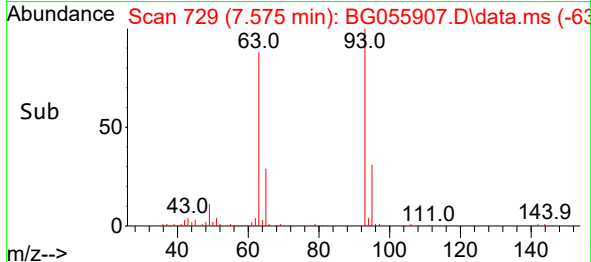
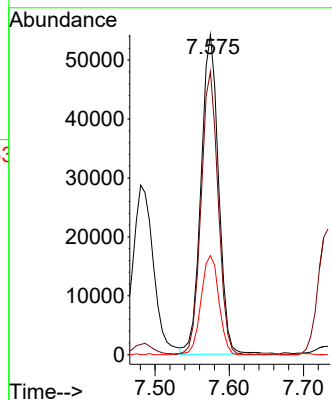
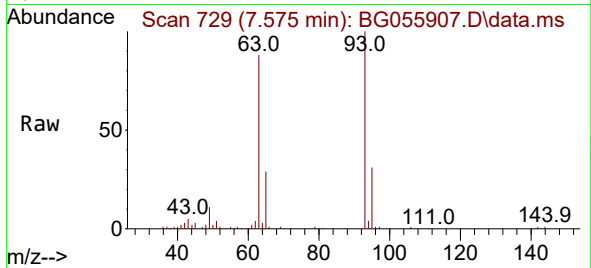




#11
bis(2-Chloroethyl)ether
Concen: 45.301 ng
RT: 7.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

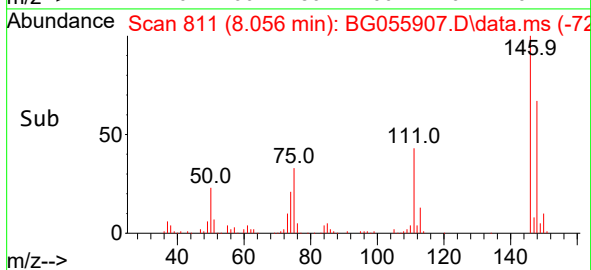
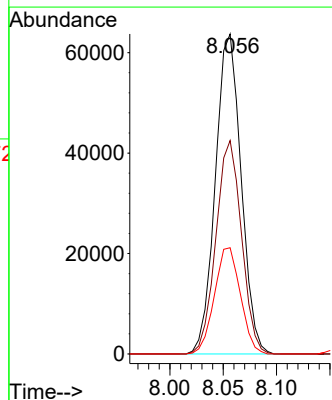
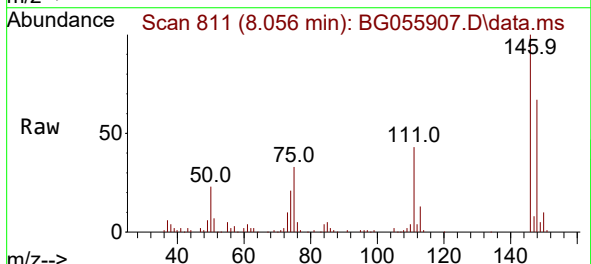
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

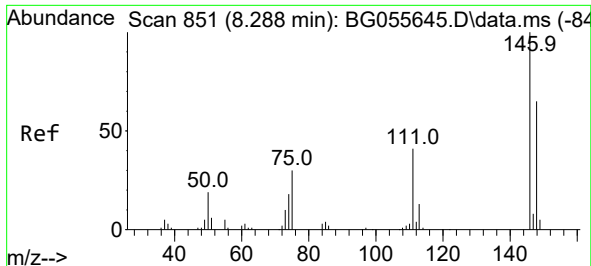
Tgt Ion: 93 Resp: 89078
Ion Ratio Lower Upper
93 100
63 88.5 67.6 107.6
95 31.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.189 ng
RT: 8.056 min Scan# 811
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion: 146 Resp: 106870
Ion Ratio Lower Upper
146 100
148 66.7 54.6 81.8
75 33.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.845 ng

RT: 8.203 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

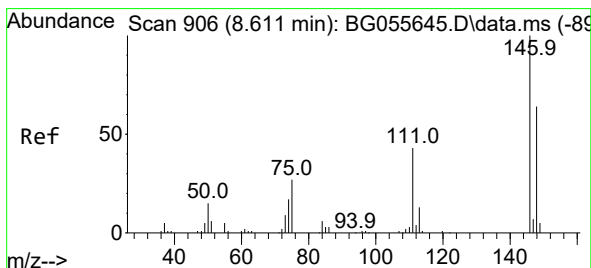
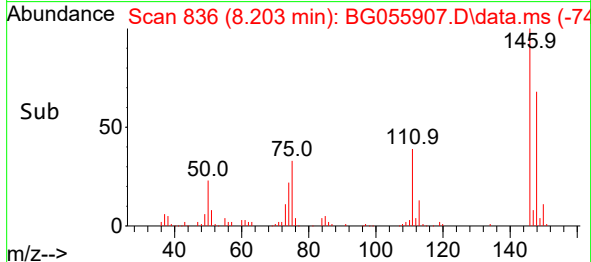
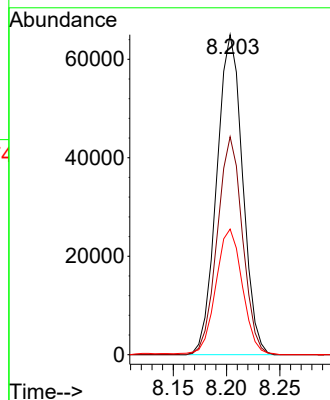
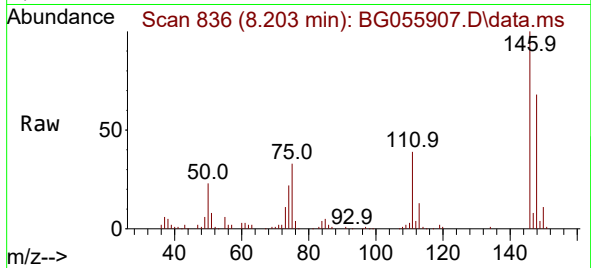
Tgt Ion:146 Resp: 109526

Ion Ratio Lower Upper

146 100

148 68.1 52.1 78.1

111 39.2 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 47.630 ng

RT: 8.526 min Scan# 891

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

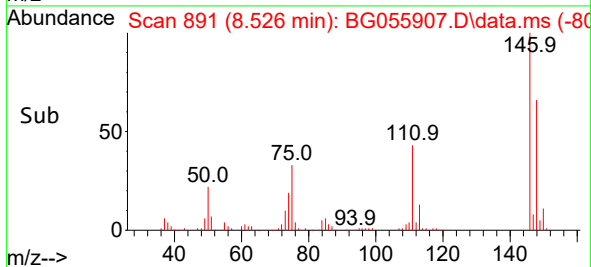
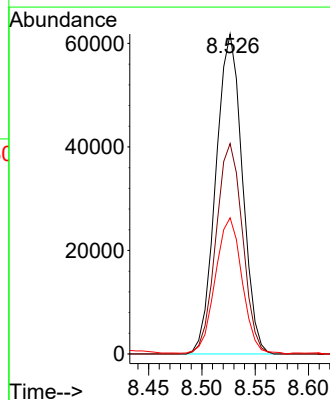
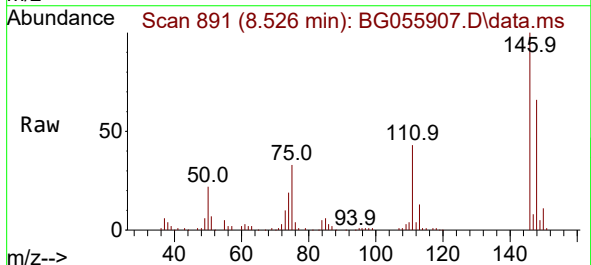
Tgt Ion:146 Resp: 106713

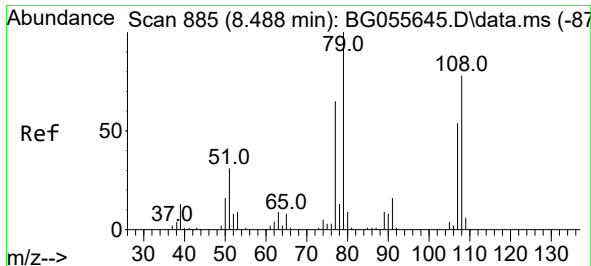
Ion Ratio Lower Upper

146 100

148 65.7 50.9 76.3

111 42.5 34.5 51.7

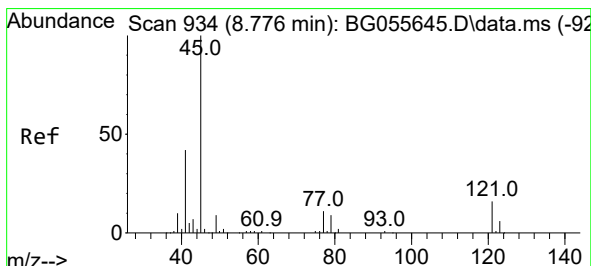
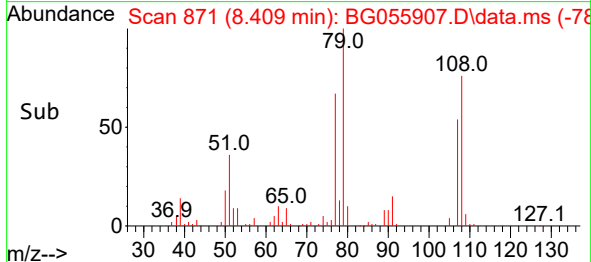
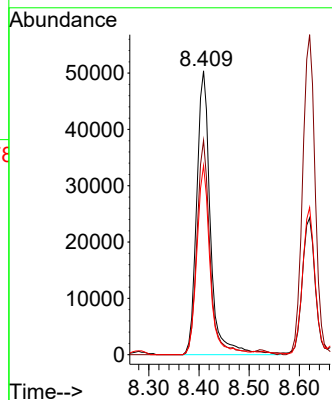
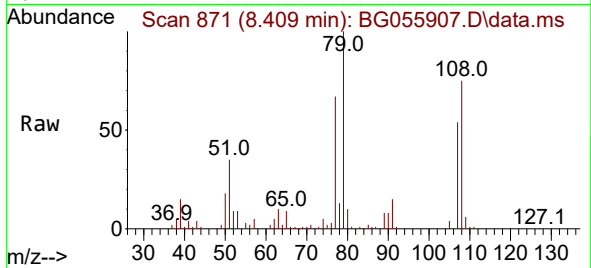




#15
Benzyl Alcohol
Concen: 51.331 ng
RT: 8.409 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

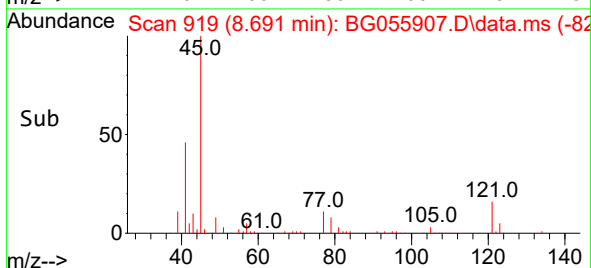
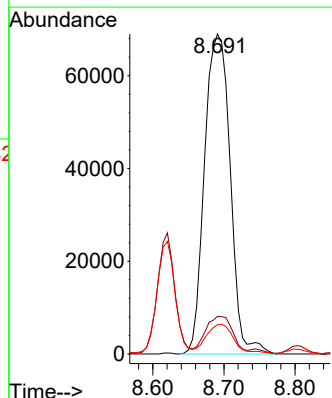
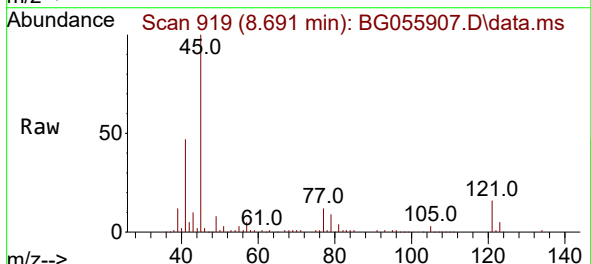
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

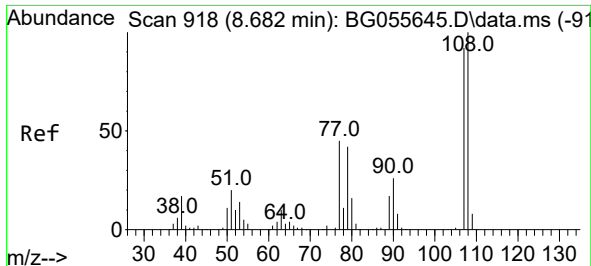
Tgt Ion: 79 Resp: 95597
Ion Ratio Lower Upper
79 100
108 75.5 62.6 93.8
77 66.6 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.719 ng
RT: 8.691 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion: 45 Resp: 173421
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.7
79 9.1 0.0 29.5

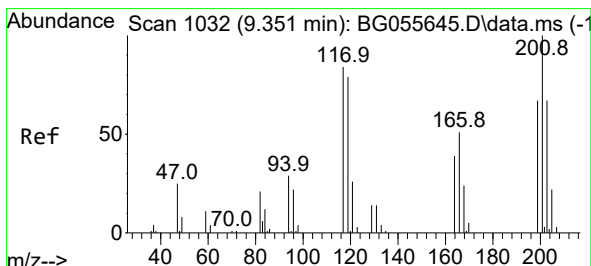
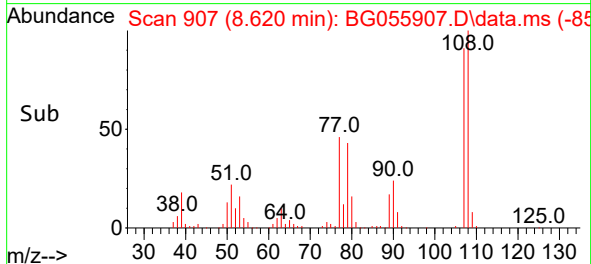
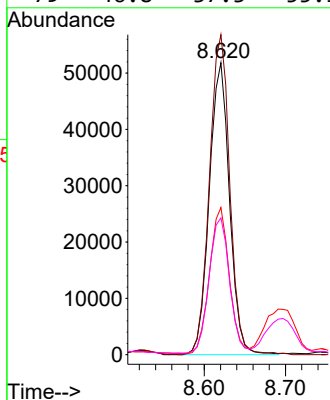
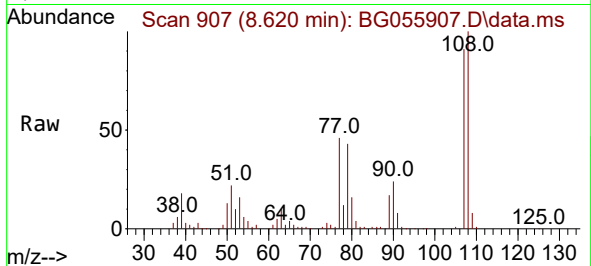




#17
2-Methylphenol
Concen: 49.223 ng
RT: 8.620 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

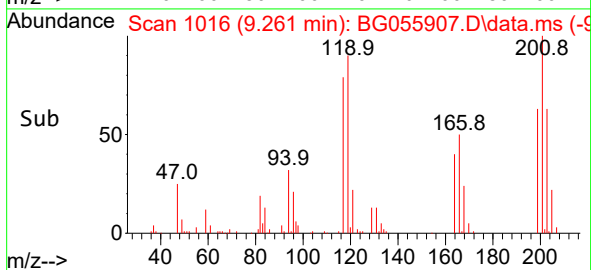
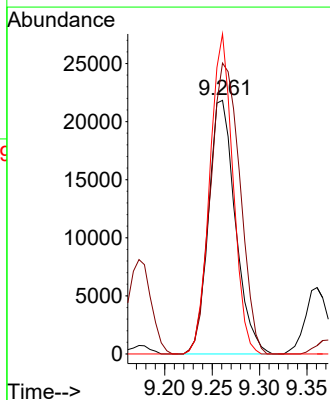
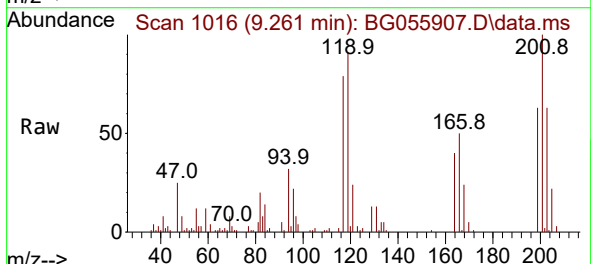
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

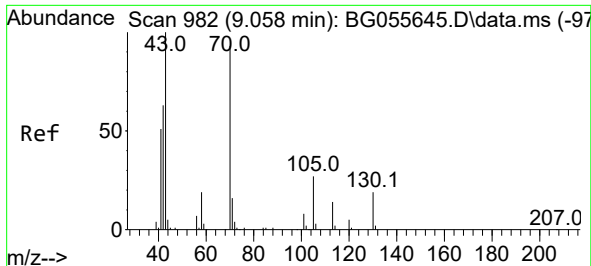
Tgt Ion:	107	Resp:	89668
Ion Ratio	Lower	Upper	
107	100		
108	109.6	87.3	130.9
77	50.4	39.4	59.0
79	46.8	37.3	55.9



#18
Hexachloroethane
Concen: 53.462 ng
RT: 9.261 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:	117	Resp:	43022
Ion Ratio	Lower	Upper	
117	100		
119	114.7	76.0	114.0#
201	126.2	98.6	148.0



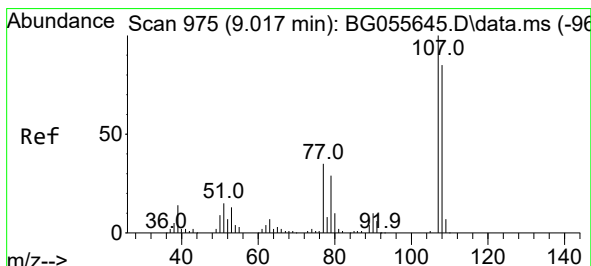
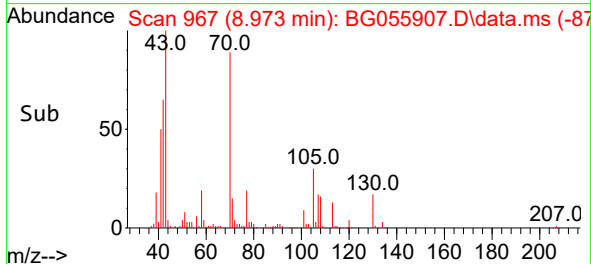
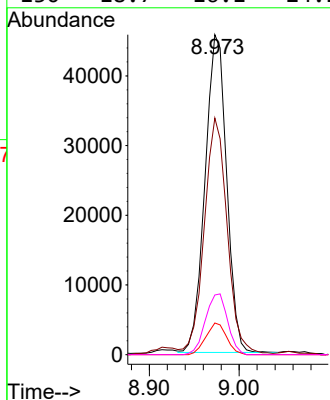
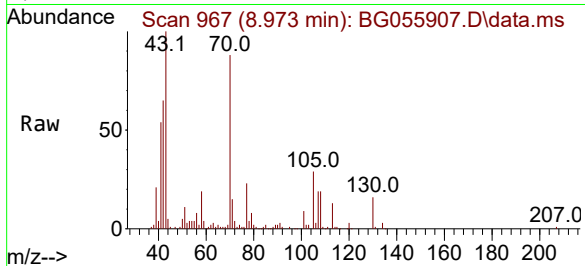


#19
n-Nitroso-di-n-propylamine
Concen: 43.254 ng
RT: 8.973 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

Tgt Ion: 70 Resp: 76157

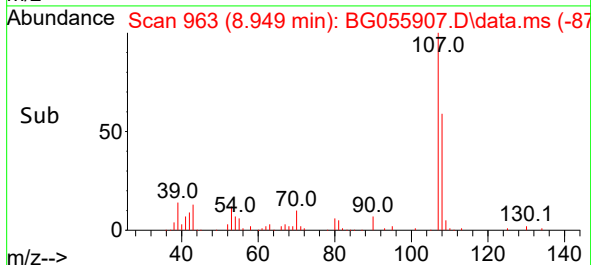
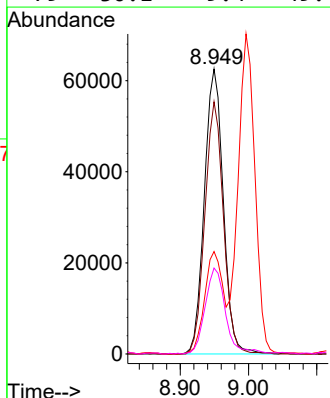
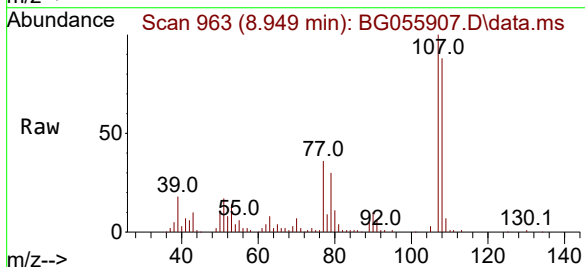
Ion	Ratio	Lower	Upper
70	100		
42	74.0	55.2	82.8
101	9.9	7.1	10.7
130	18.7	16.1	24.1

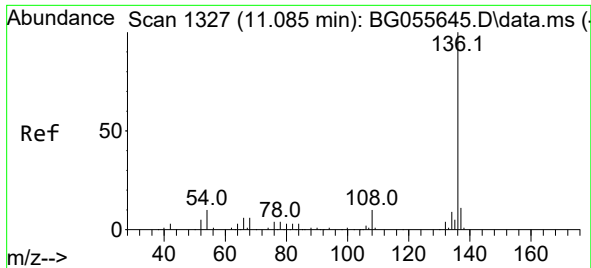


#20
3+4-Methylphenols
Concen: 47.498 ng
RT: 8.949 min Scan# 963
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion: 107 Resp: 120868

Ion	Ratio	Lower	Upper
107	100		
108	88.5	65.5	105.5
77	36.0	14.6	54.6
79	30.1	9.4	49.4

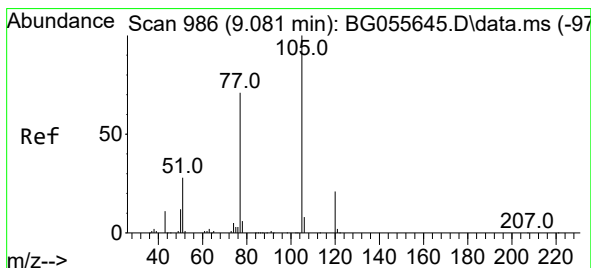
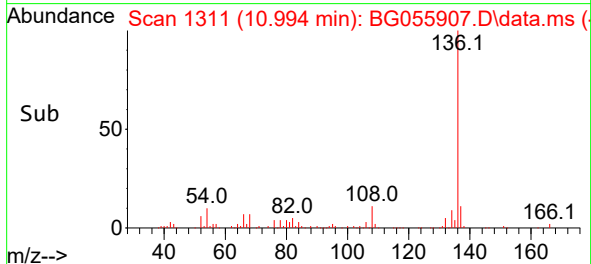
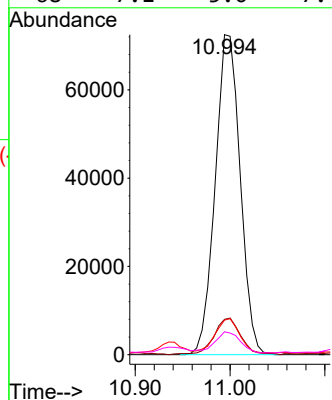
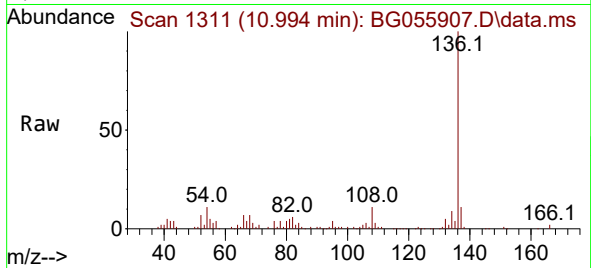




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.994 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

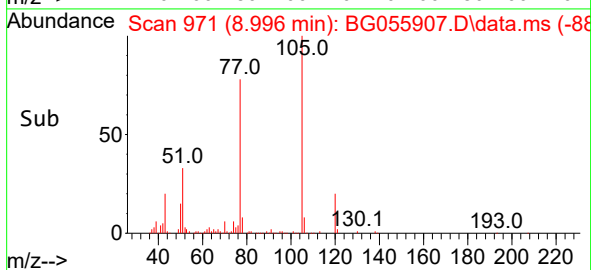
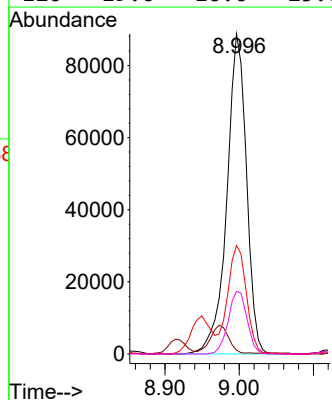
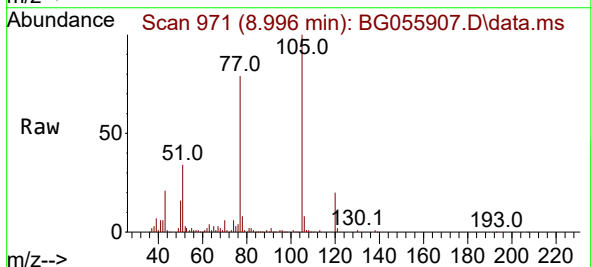
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

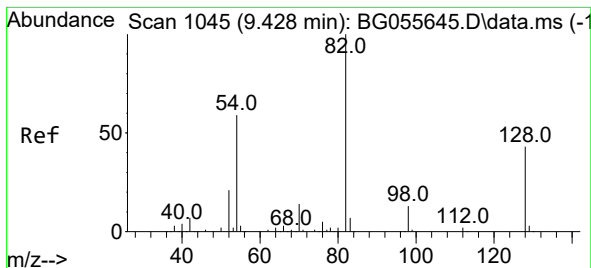
Tgt Ion:136 Resp: 132718
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.8 7.8 11.6
68 7.1 5.0 7.4



#22
Acetophenone
Concen: 47.315 ng
RT: 8.996 min Scan# 971
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:105 Resp: 163174
Ion Ratio Lower Upper
105 100
71 1.2 0.6 1.0#
51 33.9 24.5 36.7
120 19.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 76.833 ng

RT: 9.343 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

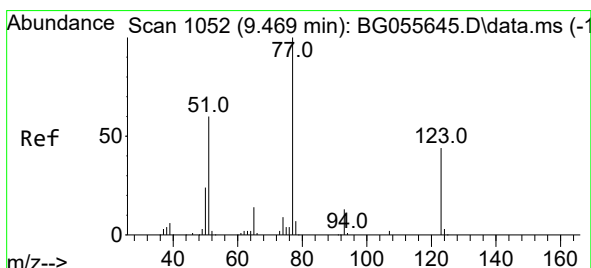
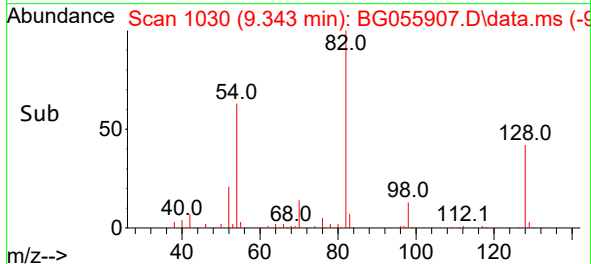
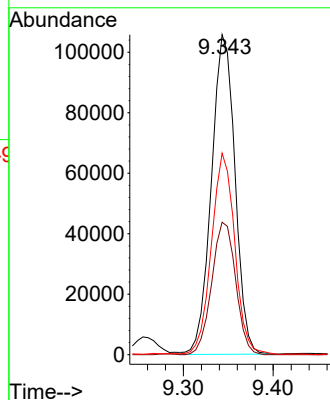
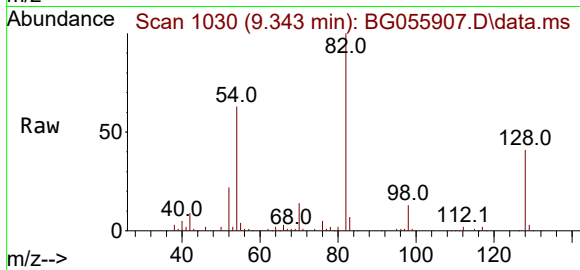
Tgt Ion: 82 Resp: 192927

Ion Ratio Lower Upper

82 100

128 41.4 34.1 51.1

54 63.0 47.3 70.9



#24

Nitrobenzene

Concen: 44.895 ng

RT: 9.390 min Scan# 1038

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

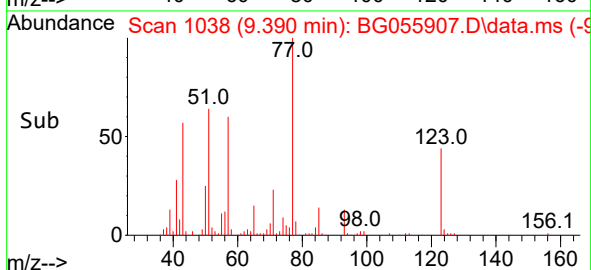
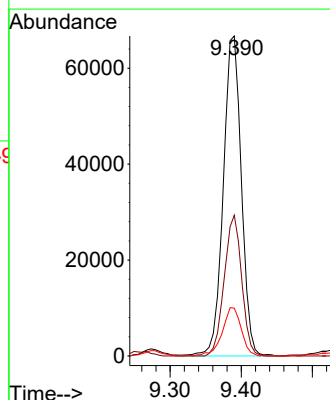
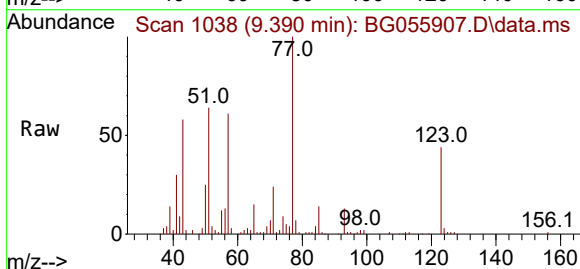
Tgt Ion: 77 Resp: 117751

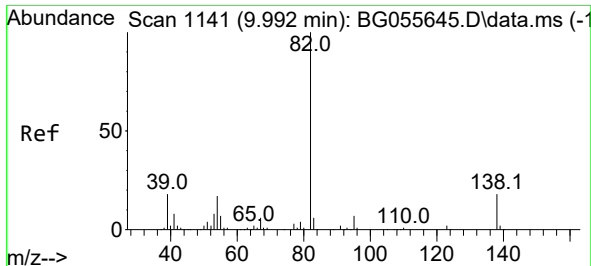
Ion Ratio Lower Upper

77 100

123 44.0 35.5 53.3

65 14.9 11.5 17.3

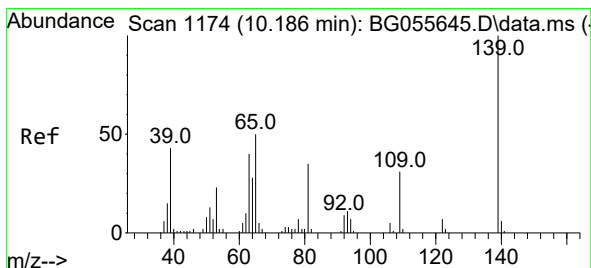
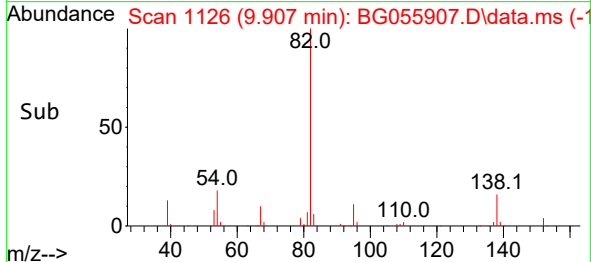
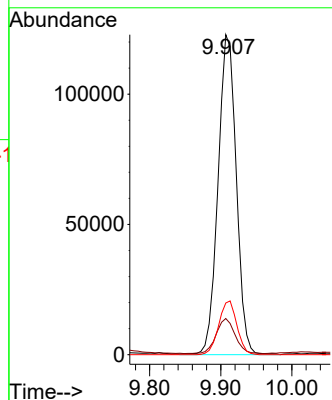
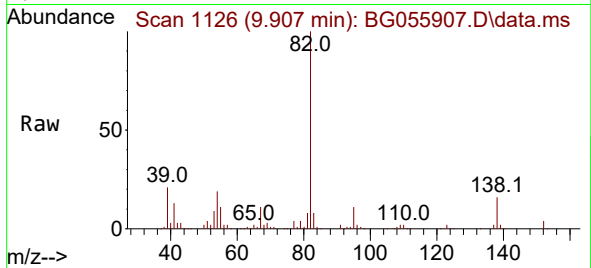




#25
Isophorone
Concen: 45.941 ng
RT: 9.907 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

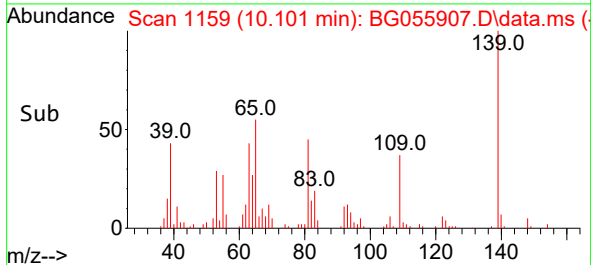
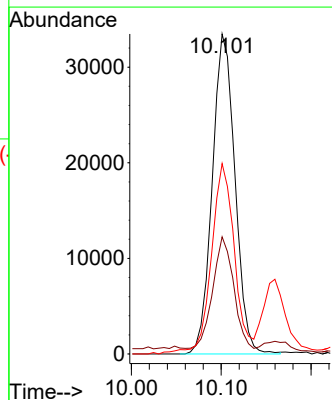
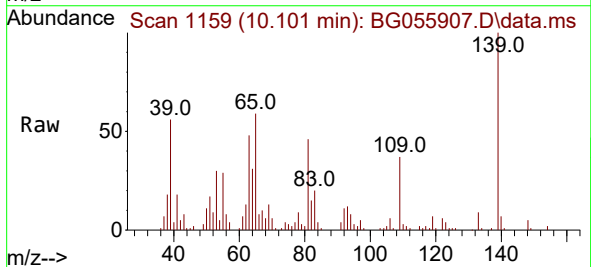
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

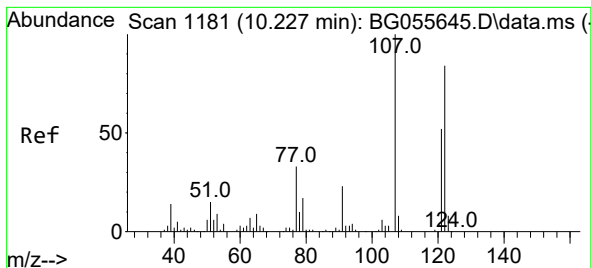
Tgt Ion: 82 Resp: 218571
Ion Ratio Lower Upper
82 100
95 11.3 5.5 8.3#
138 16.2 14.2 21.4



#26
2-Nitrophenol
Concen: 48.598 ng
RT: 10.101 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:139 Resp: 58841
Ion Ratio Lower Upper
139 100
109 36.6 24.4 36.6
65 59.5 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 52.877 ng

RT: 10.160 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

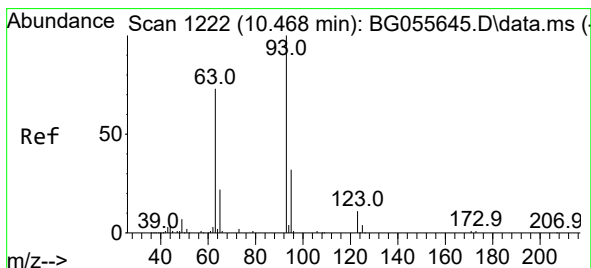
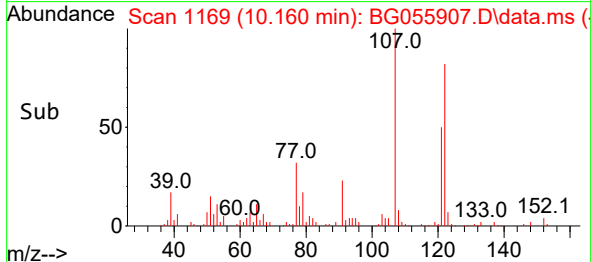
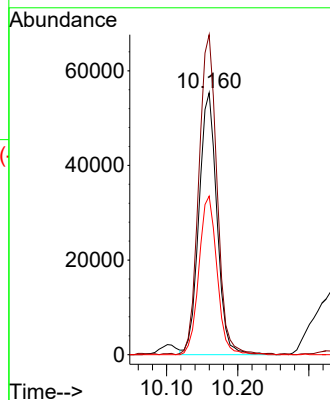
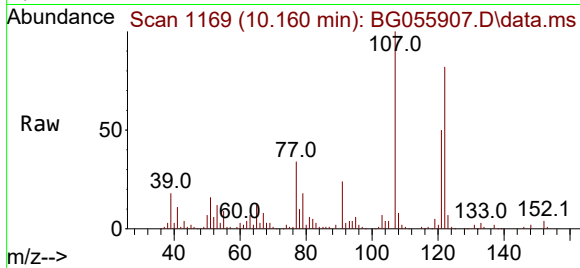
Tgt Ion:122 Resp: 97439

Ion Ratio Lower Upper

122 100

107 122.2 95.8 143.6

121 60.6 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 47.320 ng

RT: 10.383 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

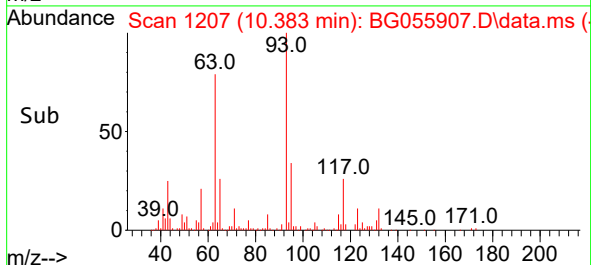
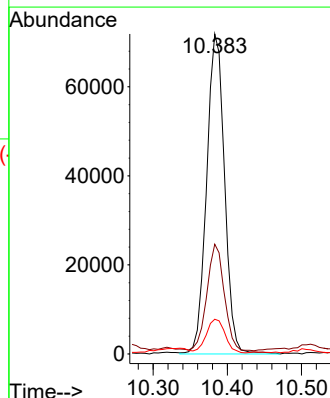
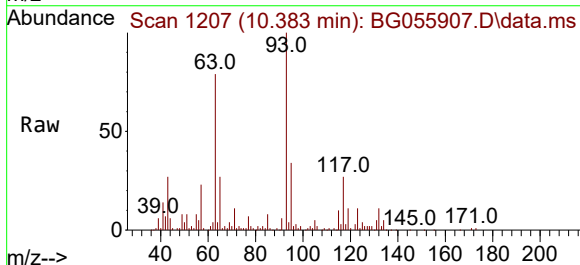
Tgt Ion: 93 Resp: 120863

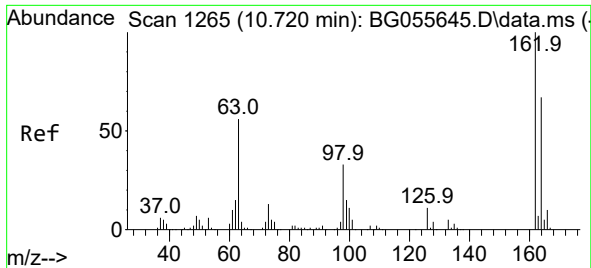
Ion Ratio Lower Upper

93 100

95 34.3 25.7 38.5

123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.596 ng

RT: 10.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

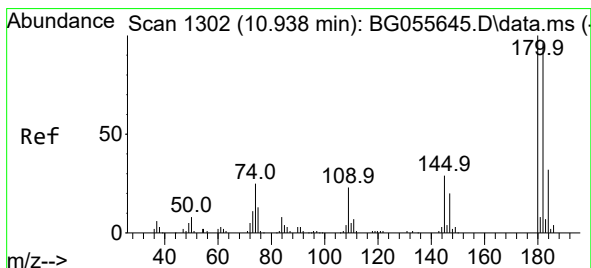
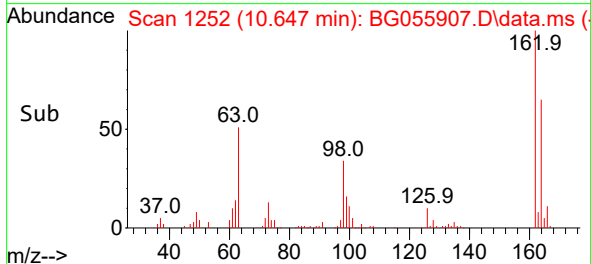
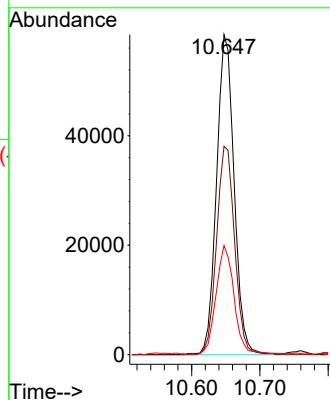
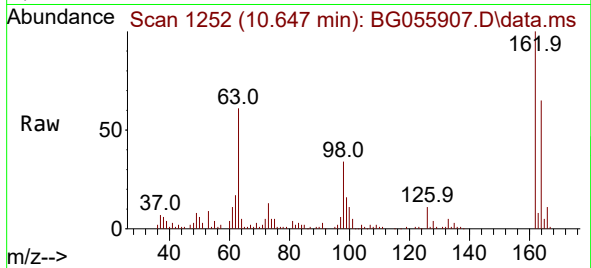
Tgt Ion:162 Resp: 104979

Ion Ratio Lower Upper

162 100

164 65.2 46.7 86.7

98 34.1 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 45.277 ng

RT: 10.859 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

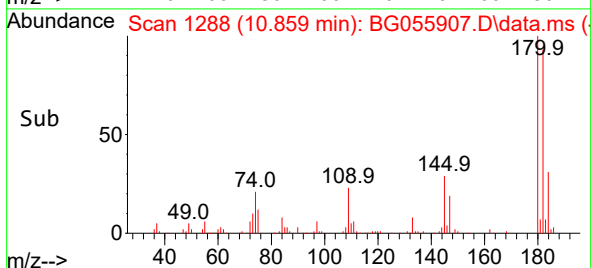
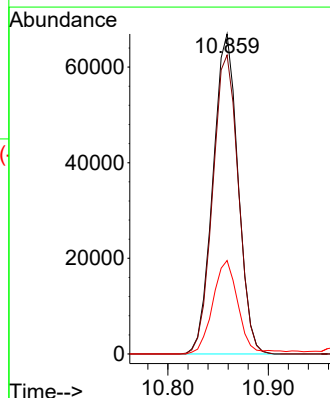
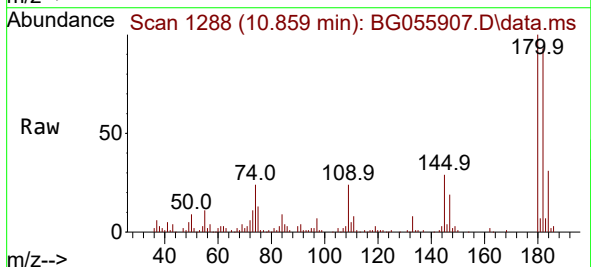
Tgt Ion:180 Resp: 116020

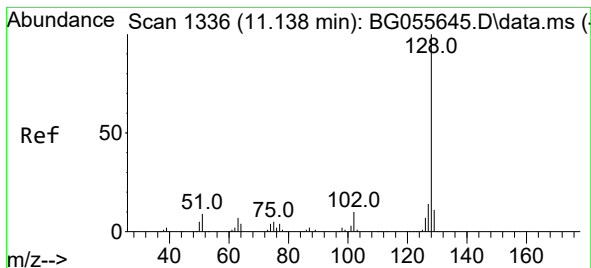
Ion Ratio Lower Upper

180 100

182 93.4 77.1 115.7

145 29.2 22.9 34.3





#31

Naphthalene

Concen: 45.151 ng

RT: 11.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

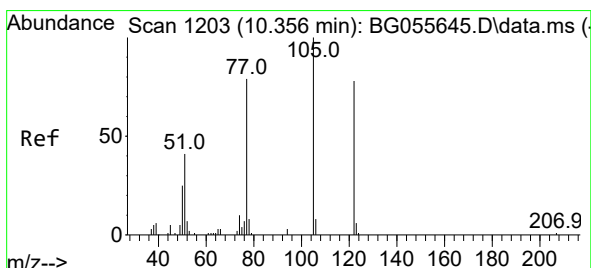
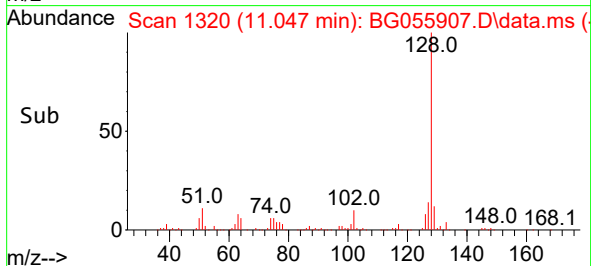
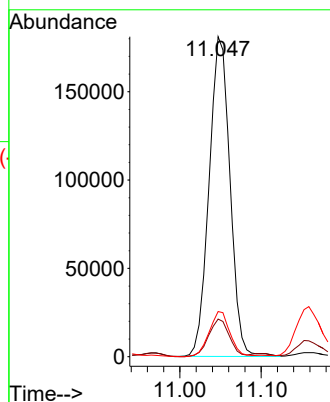
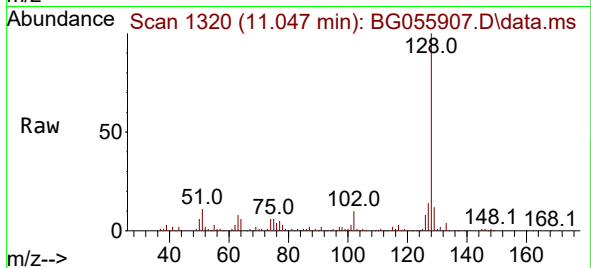
Tgt Ion:128 Resp: 323935

Ion Ratio Lower Upper

128 100

129 11.8 8.7 13.1

127 14.1 10.9 16.3



#32

Benzoic acid

Concen: 33.694 ng

RT: 10.336 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

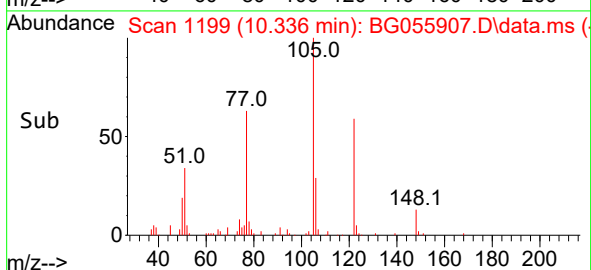
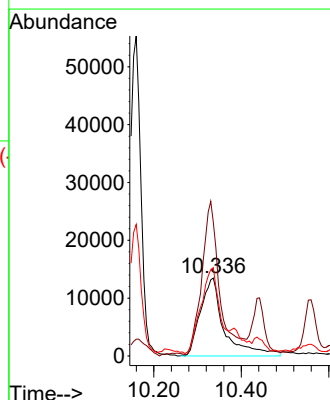
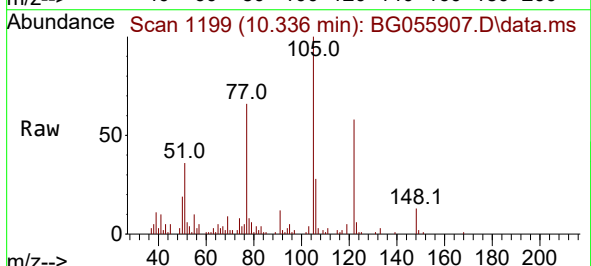
Tgt Ion:122 Resp: 51083

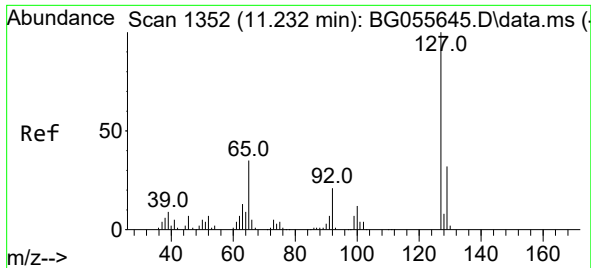
Ion Ratio Lower Upper

122 100

105 171.6 104.3 144.3#

77 113.4 79.9 119.9

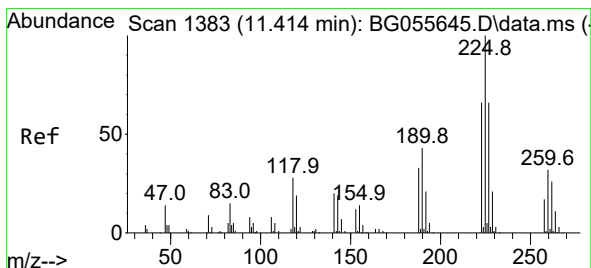
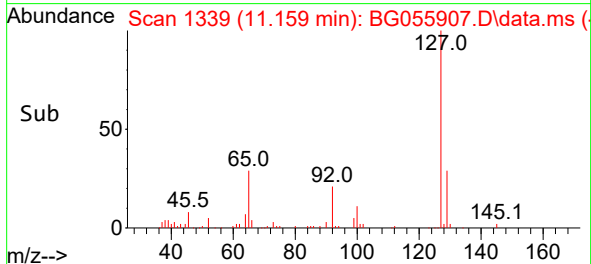
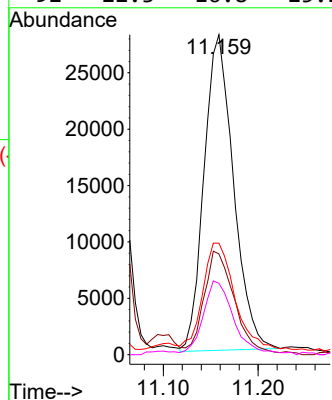
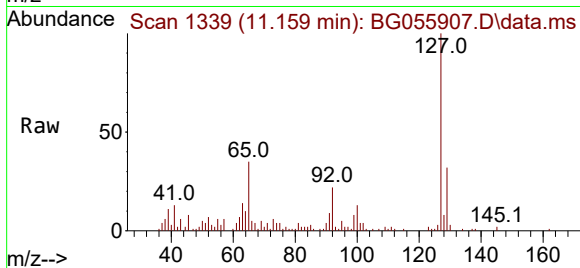




#33
4-Chloroaniline
Concen: 20.391 ng
RT: 11.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

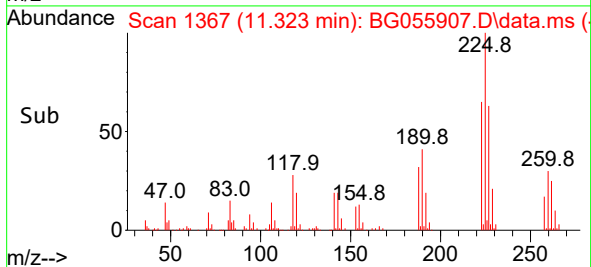
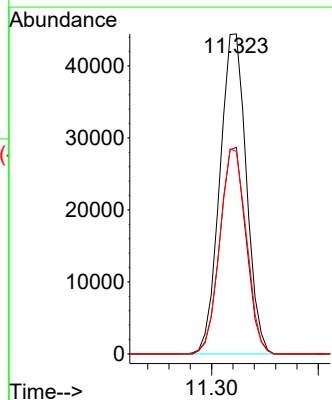
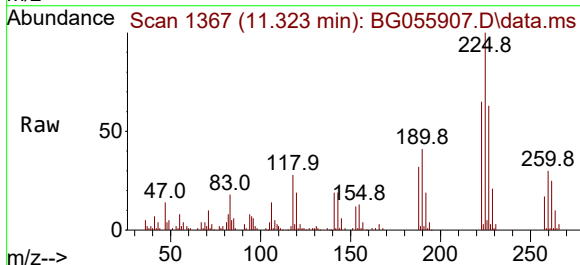
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

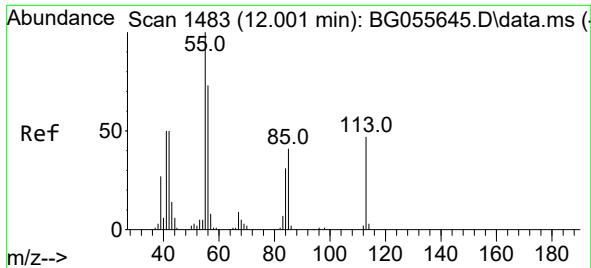
Tgt Ion:	127	Resp:	60348
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	34.9	27.9	41.9
92	22.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.845 ng
RT: 11.323 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:	225	Resp:	76717
Ion	Ratio	Lower	Upper
225	100		
223	64.6	52.9	79.3
227	63.3	52.6	79.0

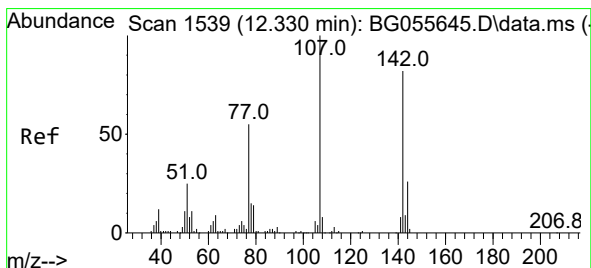
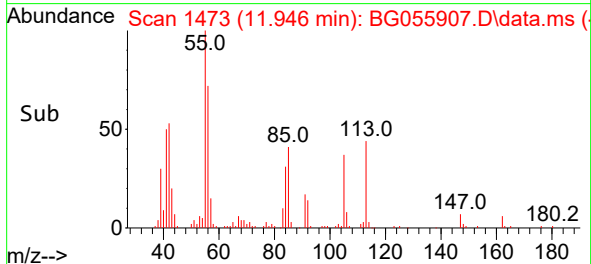
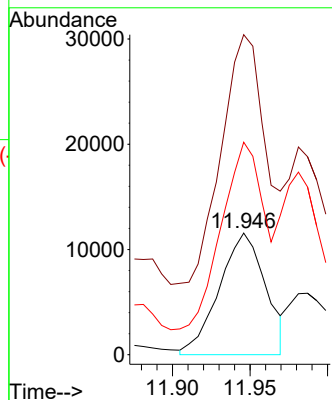
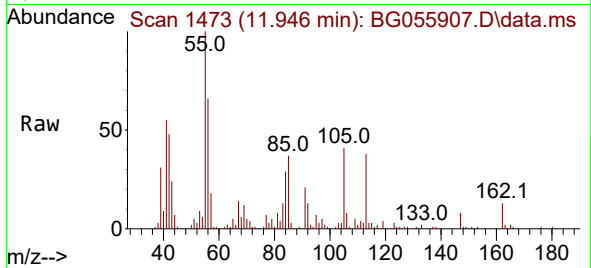




#35
 Caprolactam
 Concen: 31.413 ng
 RT: 11.946 min Scan# 1483
 Delta R.T. 0.012 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

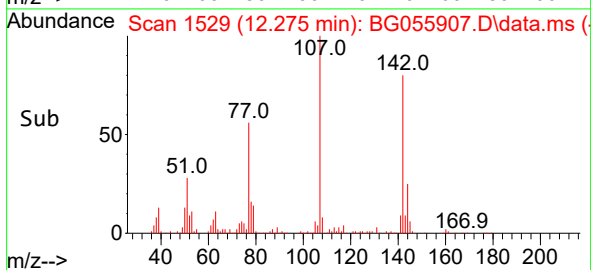
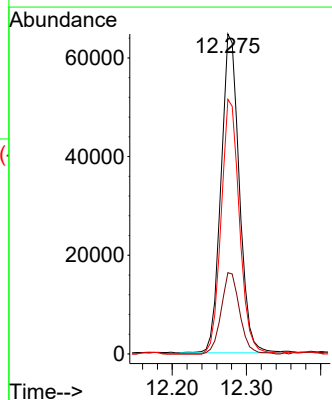
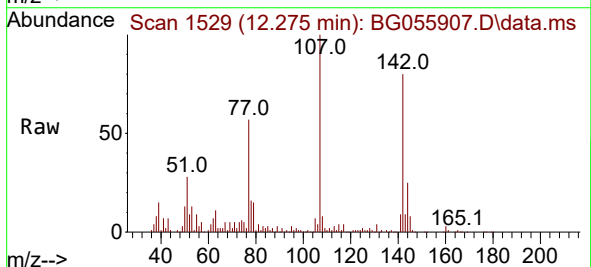
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MS

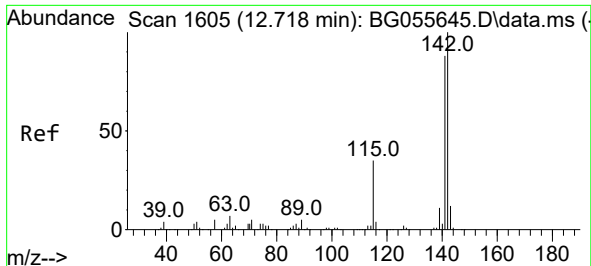
Tgt Ion:113 Resp: 23976
 Ion Ratio Lower Upper
 113 100
 55 263.2 193.5 233.5#
 56 174.8 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 45.590 ng
 RT: 12.275 min Scan# 1529
 Delta R.T. 0.006 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

Tgt Ion:107 Resp: 110519
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.0 31.4
 142 79.6 65.9 98.9

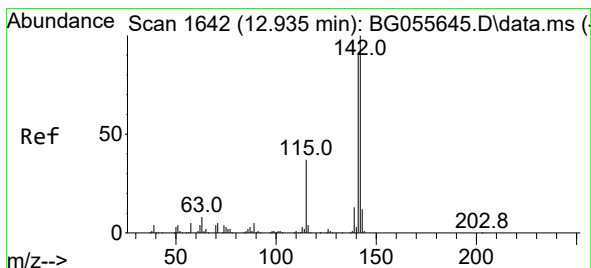
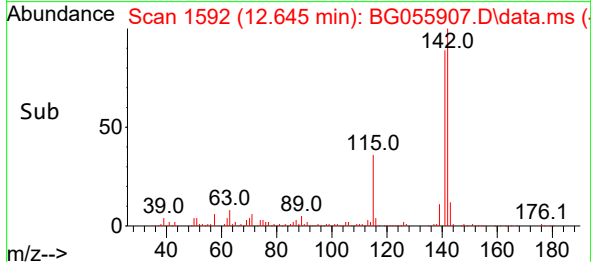
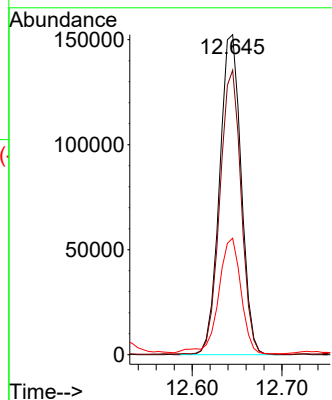
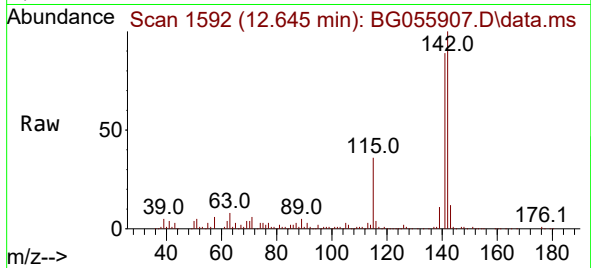




#37
2-Methylnaphthalene
Concen: 47.367 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

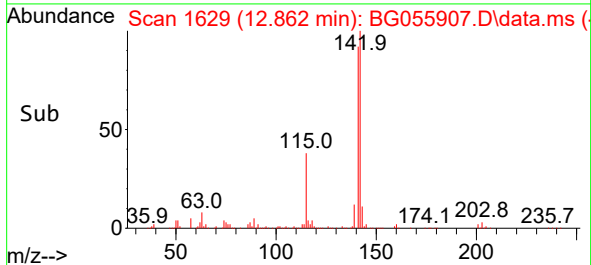
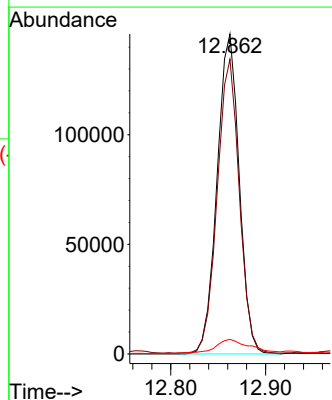
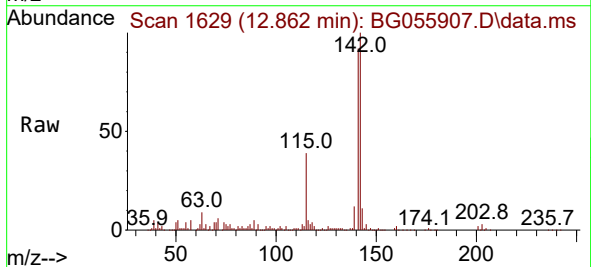
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

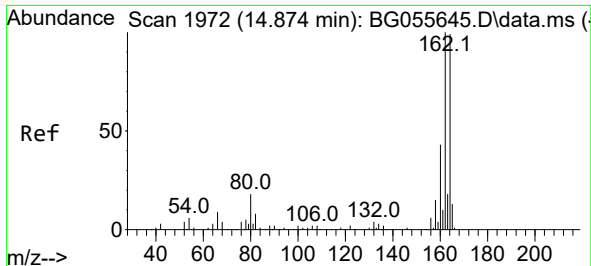
Tgt Ion:142 Resp: 254449
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 36.4 27.9 41.9



#38
1-Methylnaphthalene
Concen: 45.357 ng
RT: 12.862 min Scan# 1629
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:142 Resp: 236534
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4
116 4.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.801 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

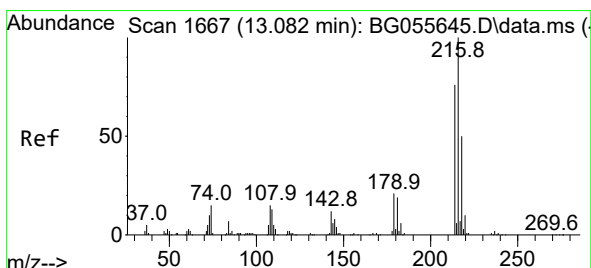
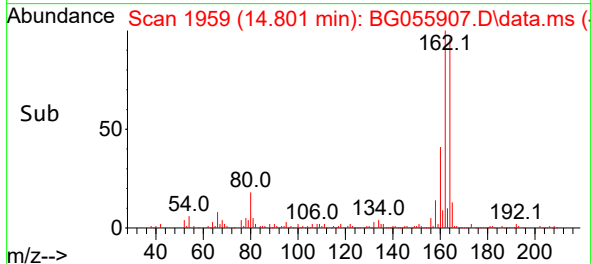
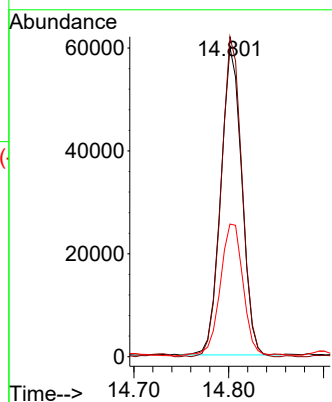
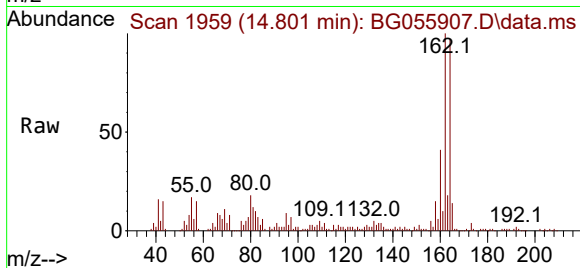
Tgt Ion:164 Resp: 92224

Ion Ratio Lower Upper

164 100

162 103.4 81.1 121.7

160 42.8 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.749 ng

RT: 13.009 min Scan# 1654

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Tgt Ion:216 Resp: 141283

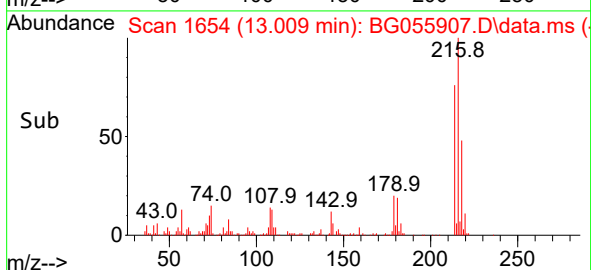
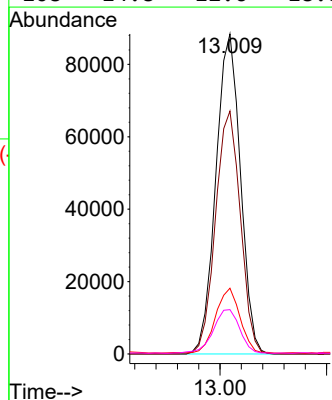
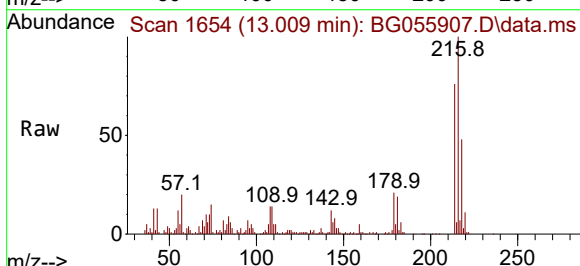
Ion Ratio Lower Upper

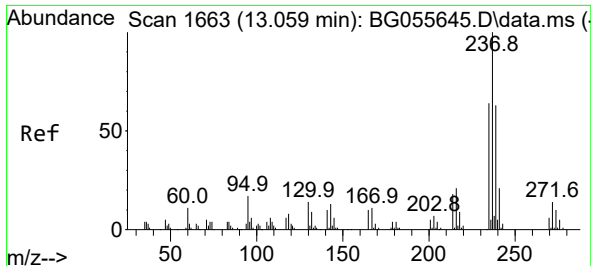
216 100

214 76.8 62.1 93.1

179 20.3 16.5 24.7

108 14.8 12.6 18.8

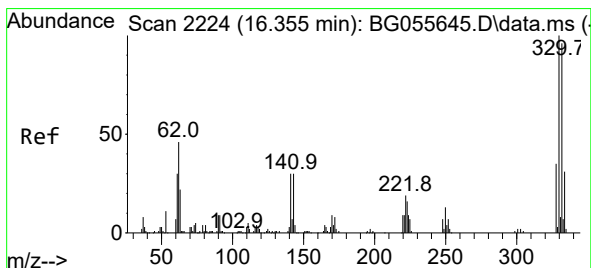
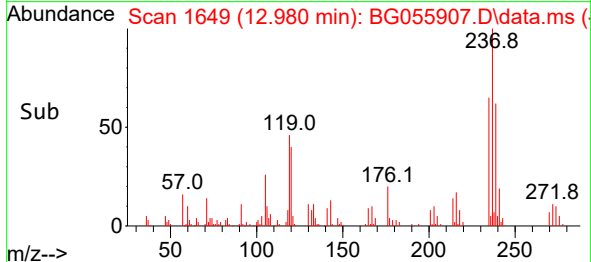
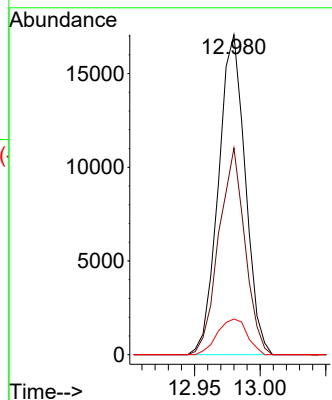
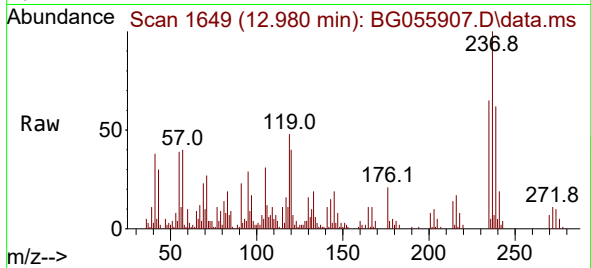




#41
Hexachlorocyclopentadiene
Concen: 16.603 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

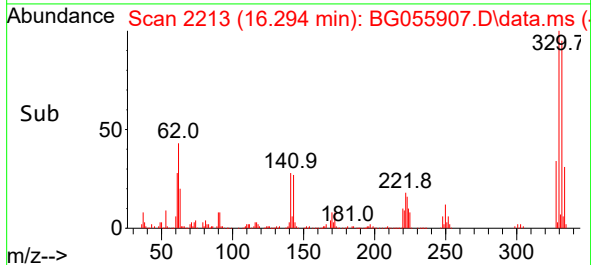
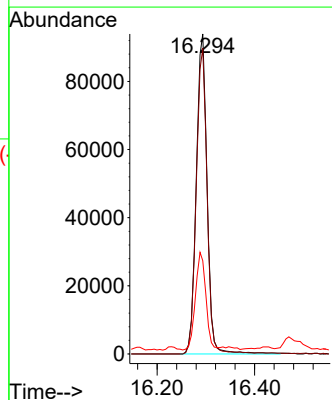
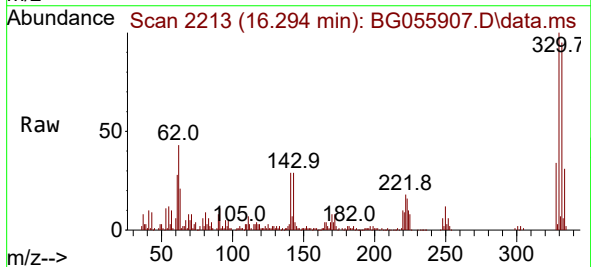
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

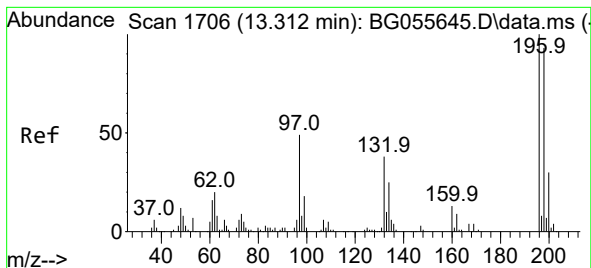
Tgt Ion:237 Resp: 24252
Ion Ratio Lower Upper
237 100
235 64.6 43.7 83.7
272 11.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 112.094 ng
RT: 16.294 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:330 Resp: 145569
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 29.6 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 44.875 ng

RT: 13.250 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

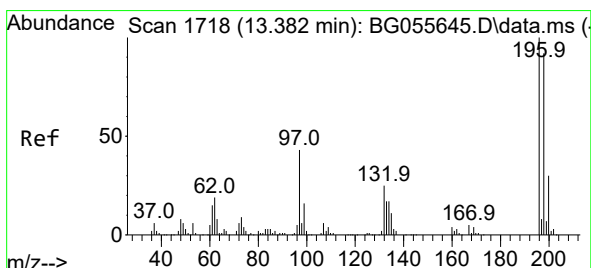
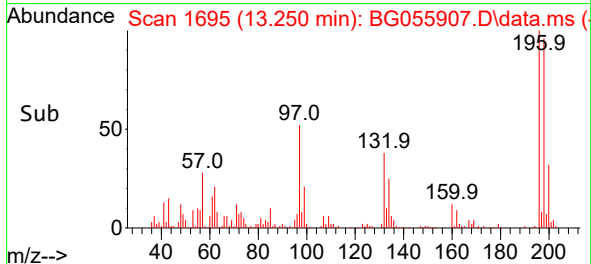
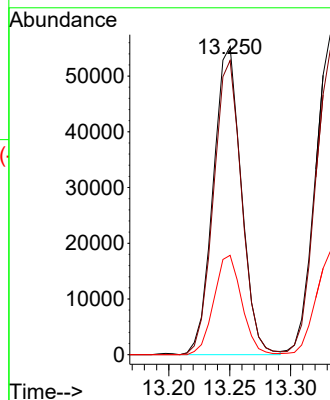
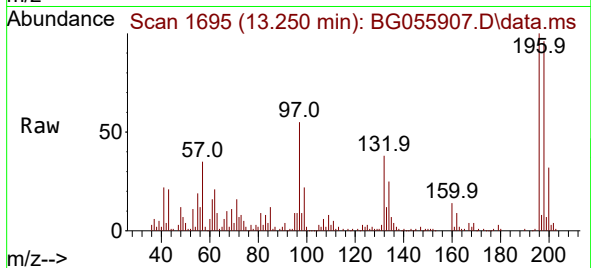
Tgt Ion:196 Resp: 88716

Ion Ratio Lower Upper

196 100

198 95.5 74.6 112.0

200 32.2 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 43.480 ng

RT: 13.333 min Scan# 1709

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Tgt Ion:196 Resp: 94463

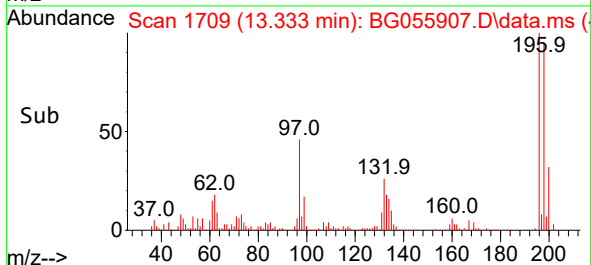
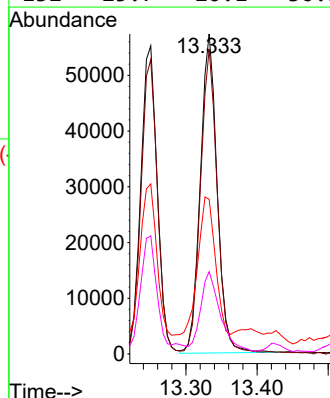
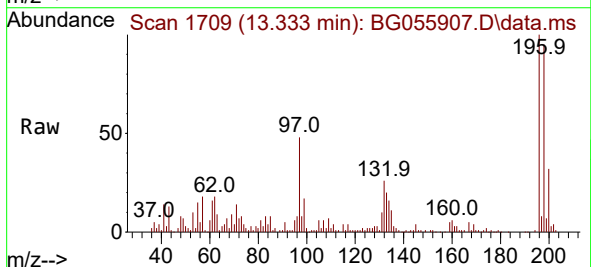
Ion Ratio Lower Upper

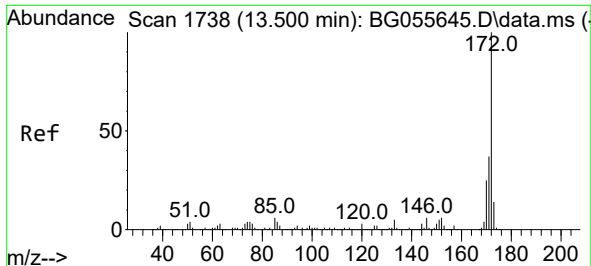
196 100

198 95.3 74.1 111.1

97 48.3 34.8 52.2

132 25.7 20.1 30.1

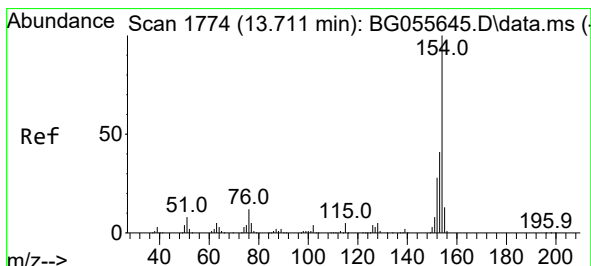
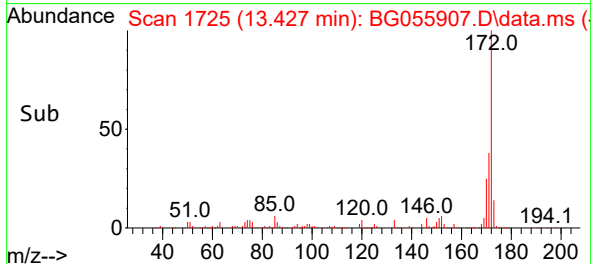
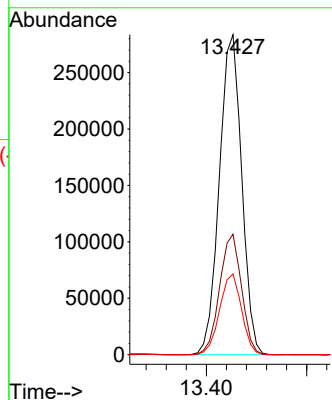
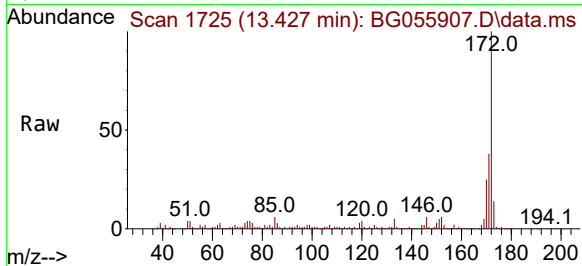




#45
2-Fluorobiphenyl
Concen: 71.149 ng
RT: 13.427 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

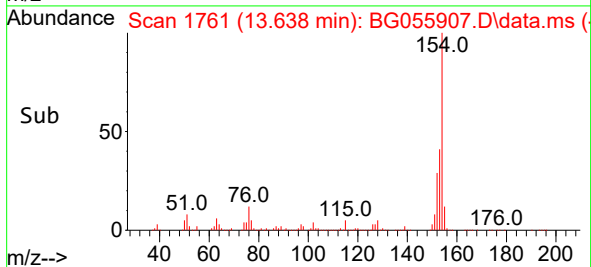
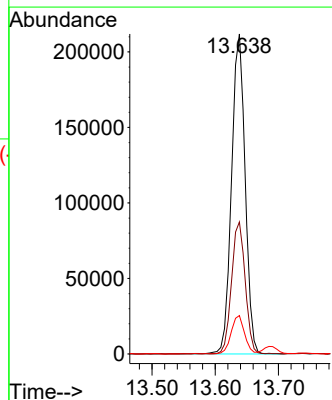
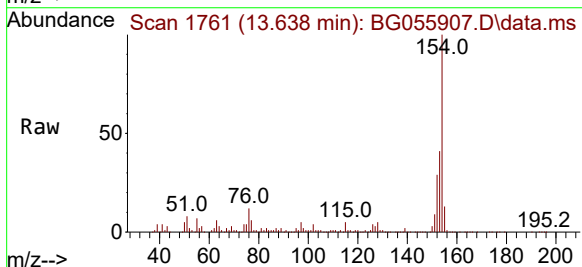
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

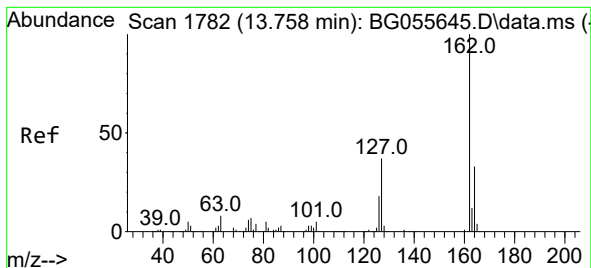
Tgt Ion:172 Resp: 437988
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 47.086 ng
RT: 13.638 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:154 Resp: 316443
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 12.0 0.0 32.4





#47

2-Chloronaphthalene

Concen: 45.085 ng

RT: 13.691 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

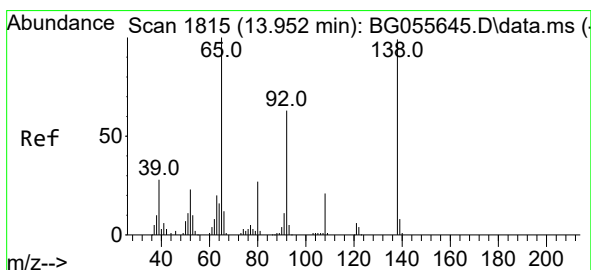
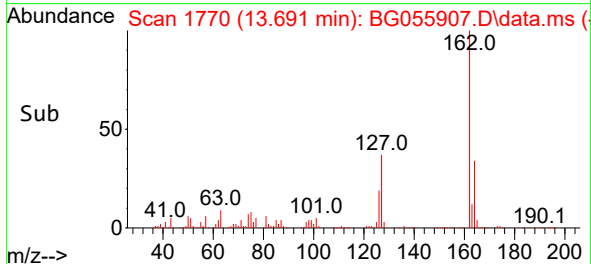
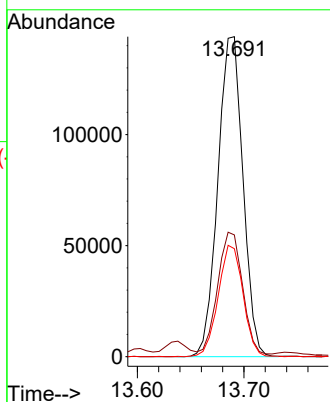
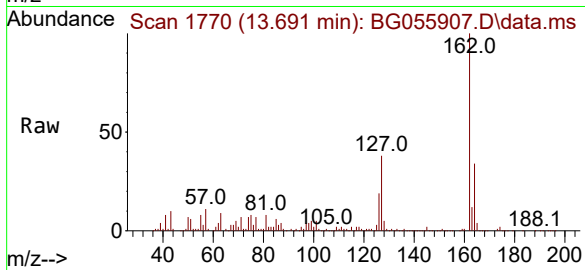
Tgt Ion:162 Resp: 235508

Ion Ratio Lower Upper

162 100

127 38.0 29.9 44.9

164 33.7 26.4 39.6



#48

2-Nitroaniline

Concen: 46.362 ng

RT: 13.891 min Scan# 1804

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

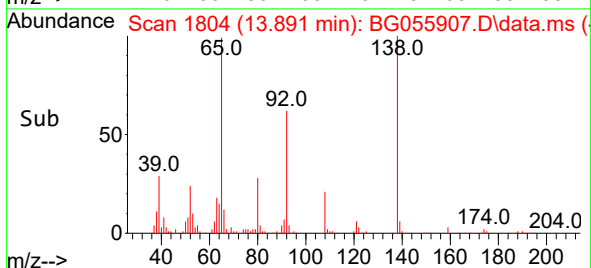
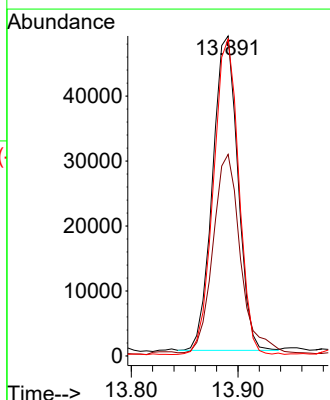
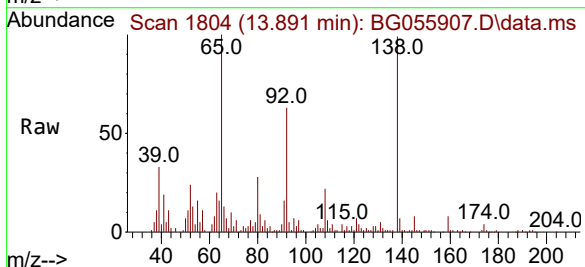
Tgt Ion: 65 Resp: 79622

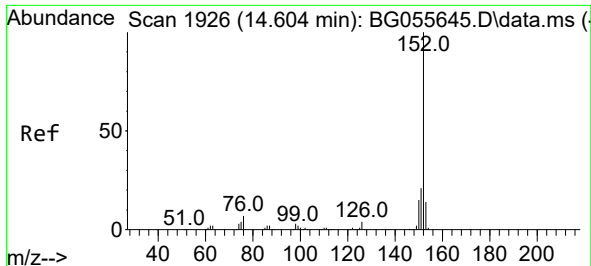
Ion Ratio Lower Upper

65 100

92 63.0 50.1 75.1

138 99.0 79.4 119.0

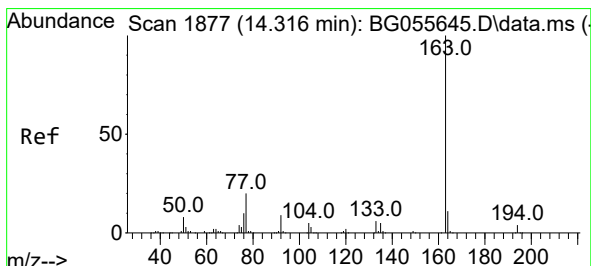
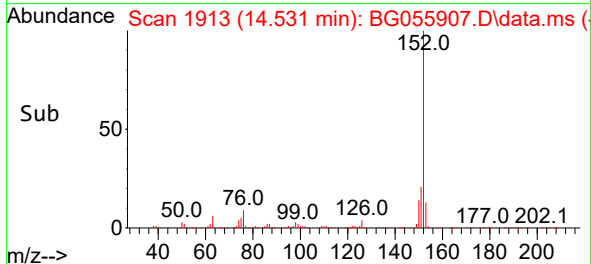
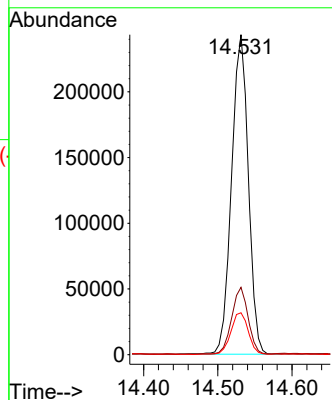
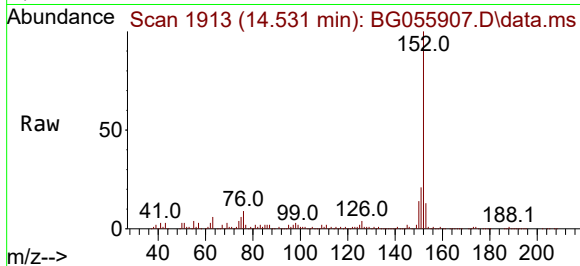




#49
Acenaphthylene
Concen: 44.427 ng
RT: 14.531 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

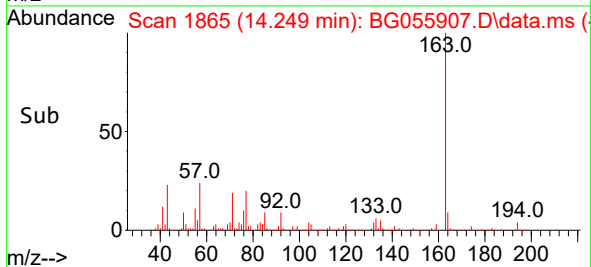
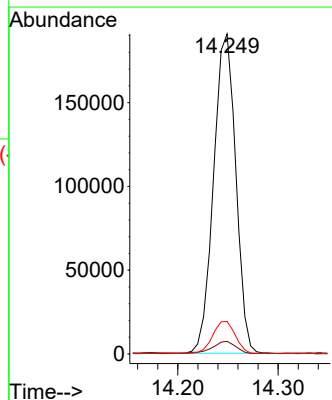
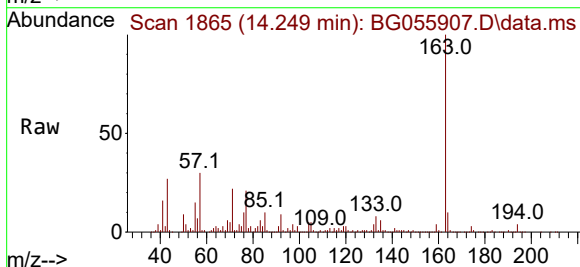
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

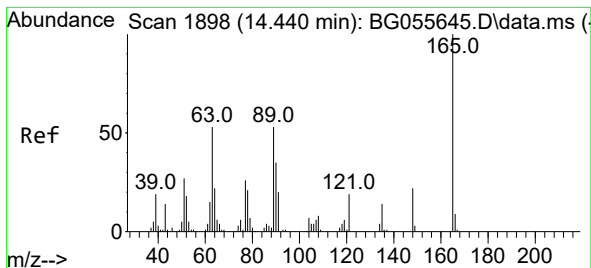
Tgt Ion:152 Resp: 382152
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.1 11.0 16.4



#50
Dimethylphthalate
Concen: 39.816 ng
RT: 14.249 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:163 Resp: 292716
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.1 8.6 12.8

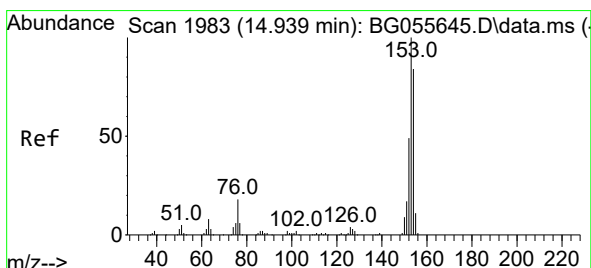
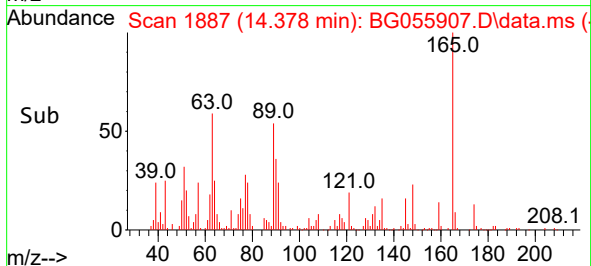
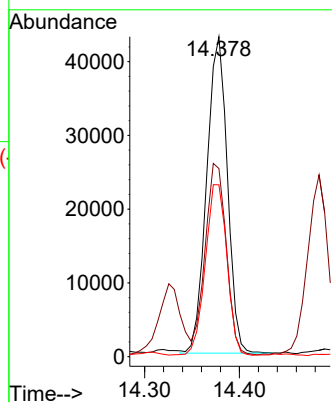
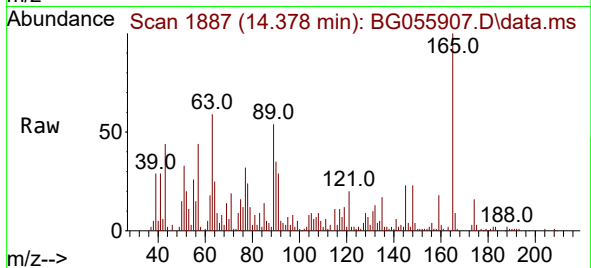




#51
2,6-Dinitrotoluene
Concen: 43.225 ng
RT: 14.378 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

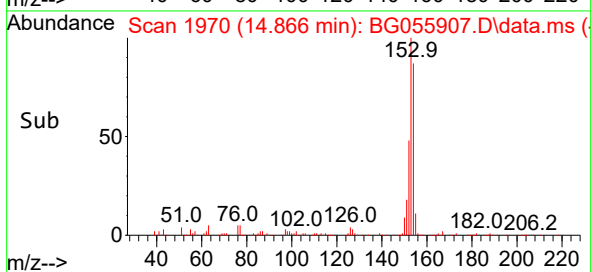
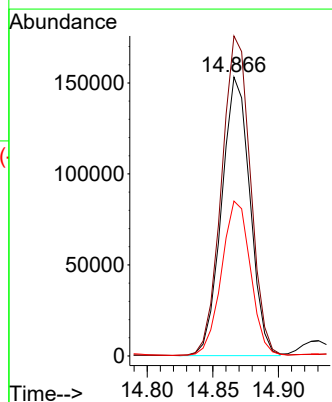
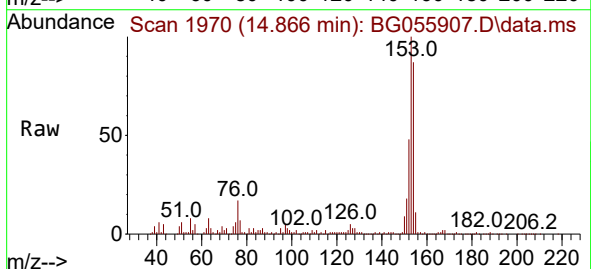
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

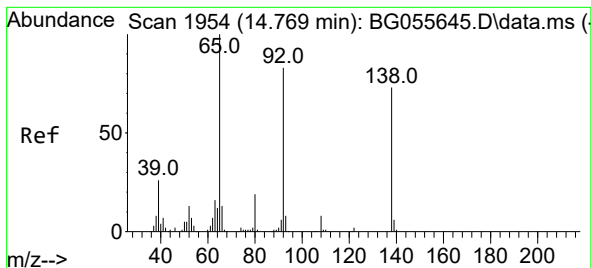
Tgt Ion:165 Resp: 64976
Ion Ratio Lower Upper
165 100
63 58.8 44.6 66.8
89 53.7 42.2 63.4



#52
Acenaphthene
Concen: 40.854 ng
RT: 14.866 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:154 Resp: 229678
Ion Ratio Lower Upper
154 100
153 114.7 95.0 142.4
152 55.5 46.1 69.1

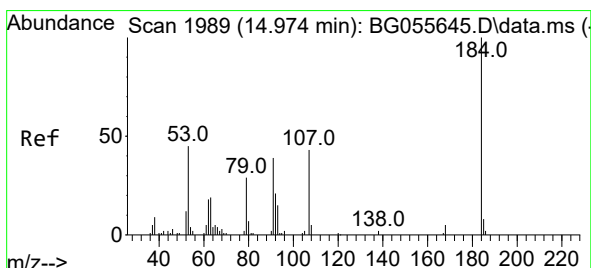
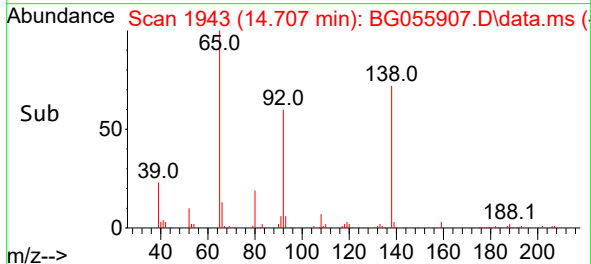
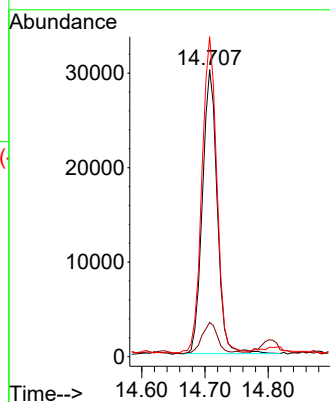
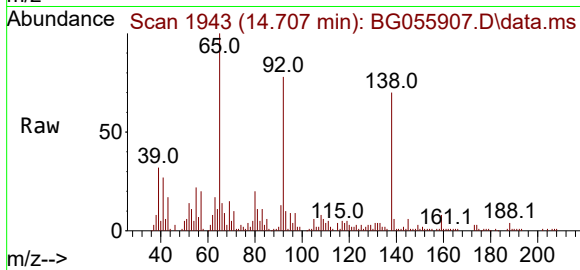




#53
3-Nitroaniline
Concen: 29.581 ng
RT: 14.707 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

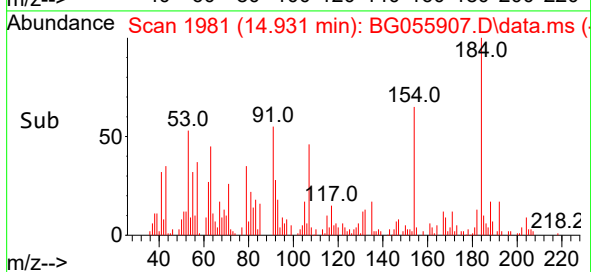
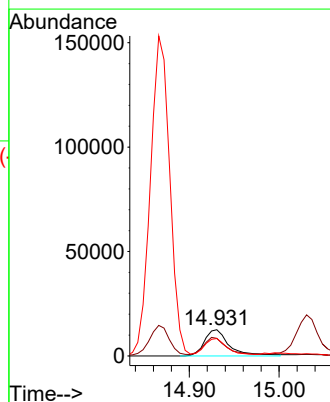
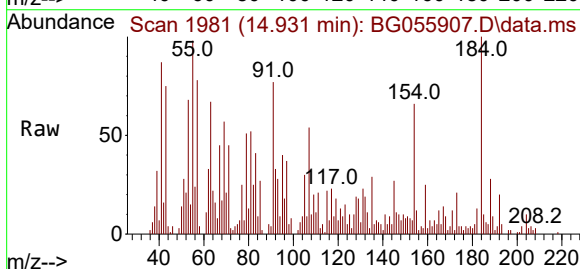
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

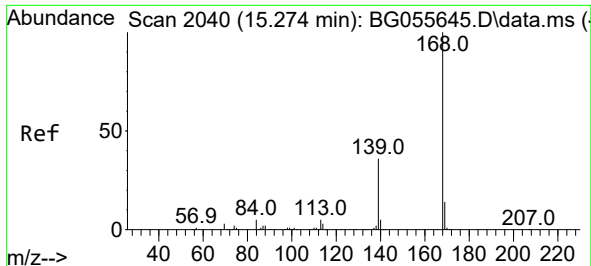
Tgt Ion:138 Resp: 48813
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 111.5 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 27.985 ng
RT: 14.931 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:184 Resp: 24187
Ion Ratio Lower Upper
184 100
63 67.3 49.5 74.3
154 66.4 52.0 78.0

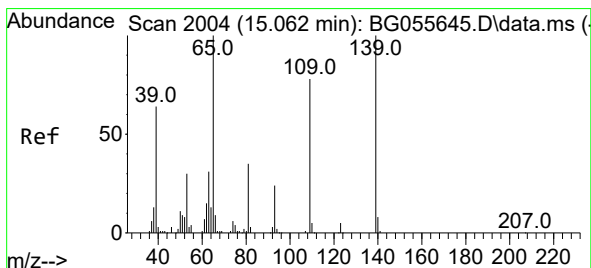
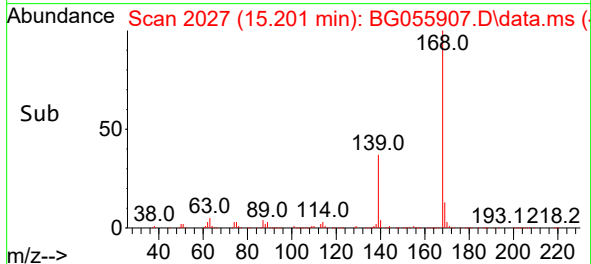
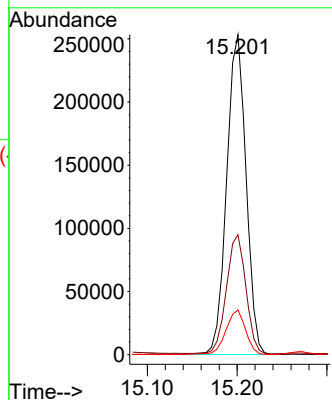
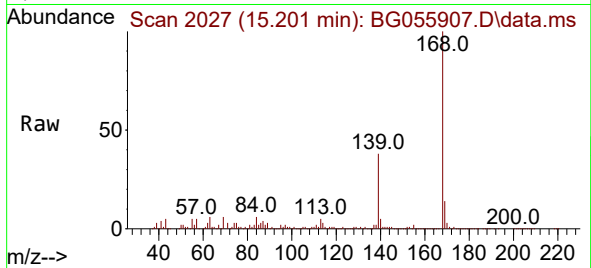




#55
Dibenzofuran
Concen: 43.653 ng
RT: 15.201 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

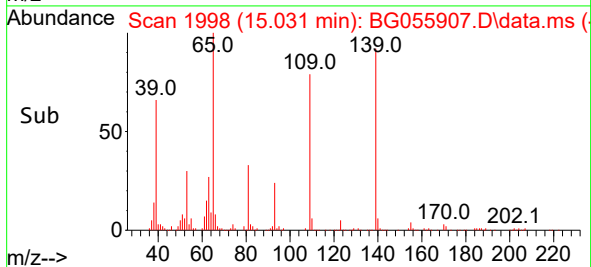
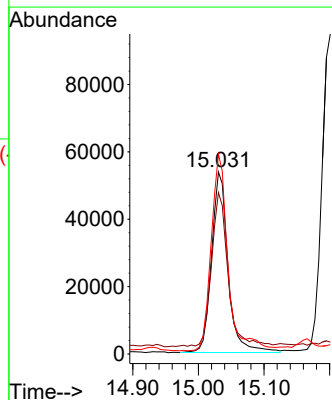
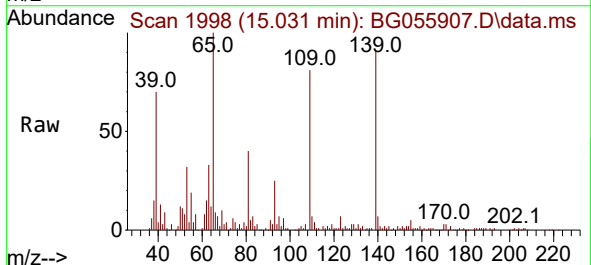
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

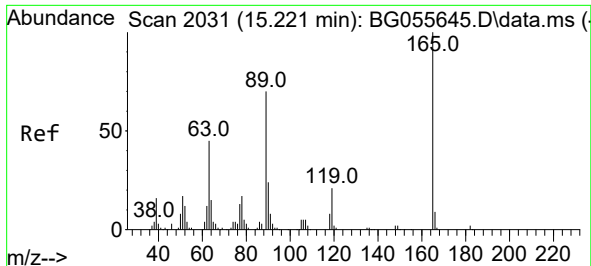
Tgt Ion:168 Resp: 378588
Ion Ratio Lower Upper
168 100
139 37.5 28.8 43.2
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 72.880 ng
RT: 15.031 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:139 Resp: 94388
Ion Ratio Lower Upper
139 100
109 88.7 58.6 98.6
65 109.8 80.5 120.5





#57

2,4-Dinitrotoluene

Concen: 42.626 ng

RT: 15.166 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

Tgt Ion:165 Resp: 90339

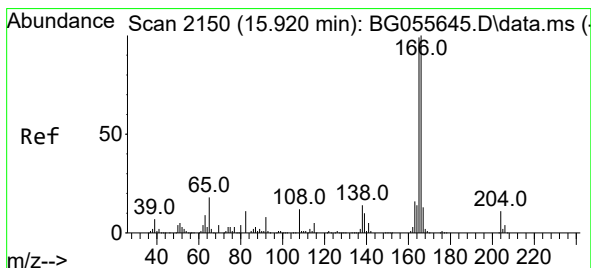
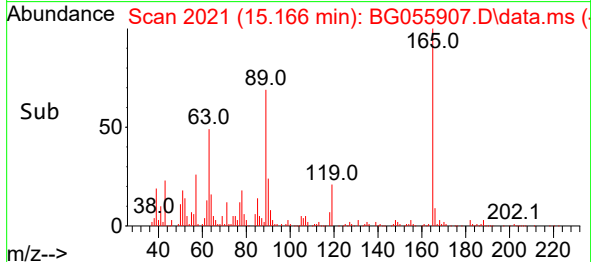
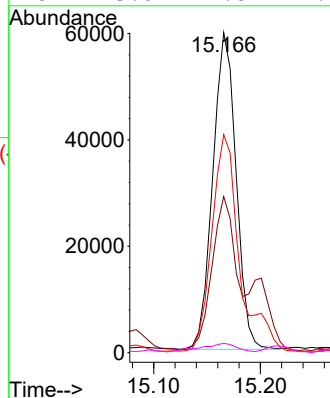
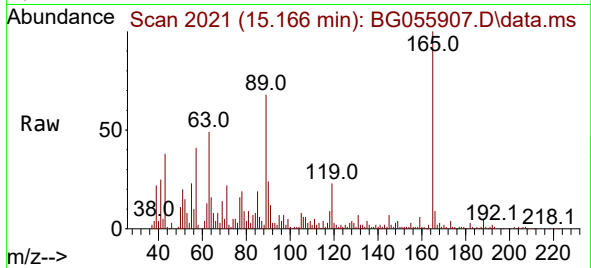
Ion Ratio Lower Upper

165 100

63 48.8 35.8 53.8

89 68.2 56.2 84.4

182 3.0 1.8 2.8#



#58

Fluorene

Concen: 43.872 ng

RT: 15.847 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

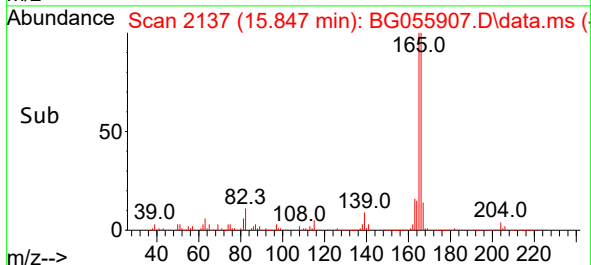
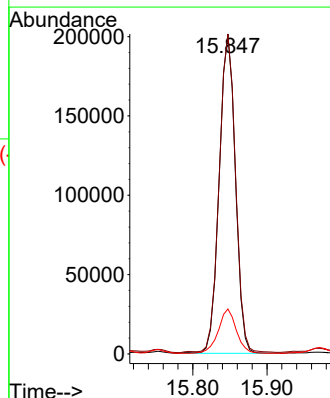
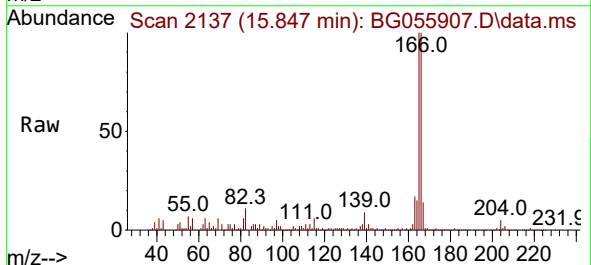
Tgt Ion:166 Resp: 303897

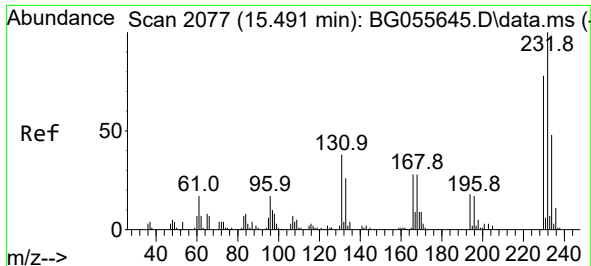
Ion Ratio Lower Upper

166 100

165 99.9 79.3 118.9

167 14.1 10.6 15.8

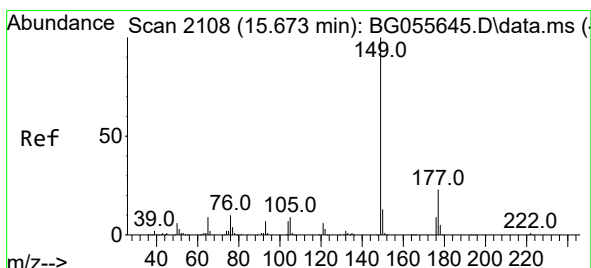
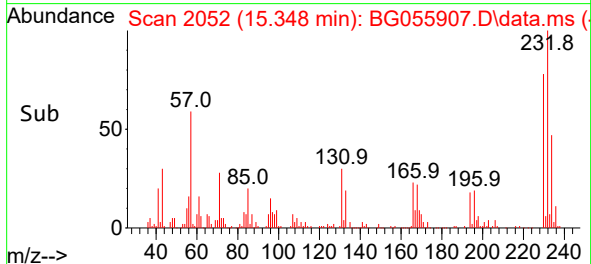
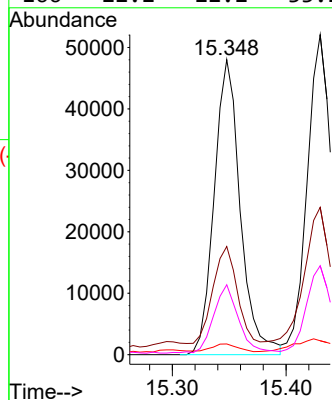
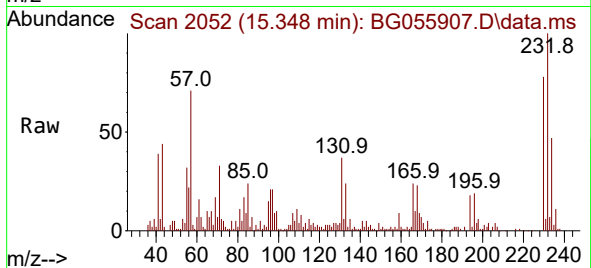




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.366 ng
RT: 15.348 min Scan# 2052
Delta R.T. -0.082 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

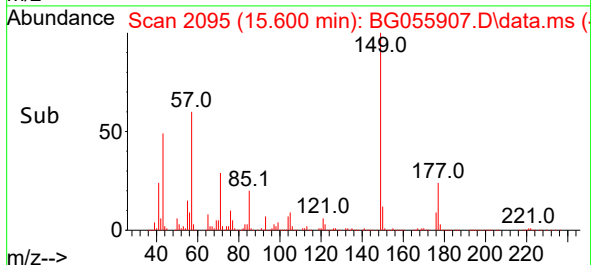
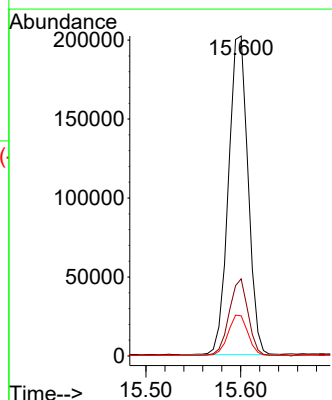
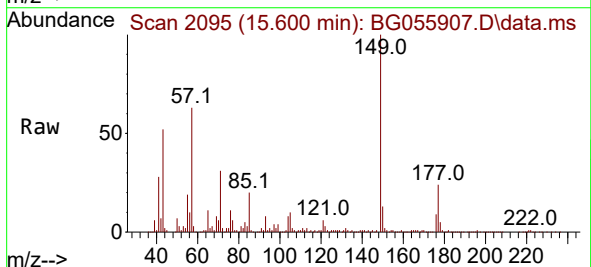
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

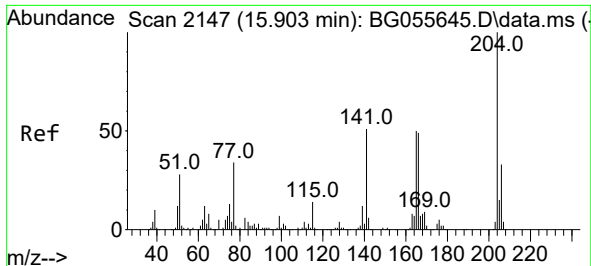
Tgt Ion:232 Resp: 76555
Ion Ratio Lower Upper
232 100
131 33.2 29.8 44.8
130 2.5 1.7 2.5
166 22.2 22.2 33.2



#60
Diethylphthalate
Concen: 38.750 ng
RT: 15.600 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:149 Resp: 288022
Ion Ratio Lower Upper
149 100
177 24.1 18.3 27.5
150 12.5 10.0 15.0

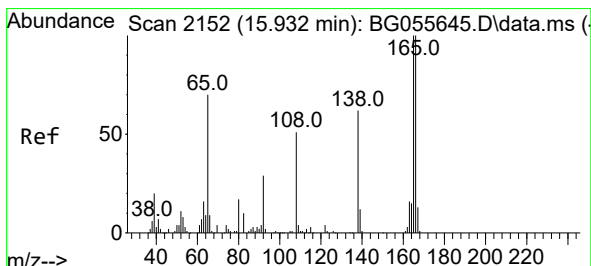
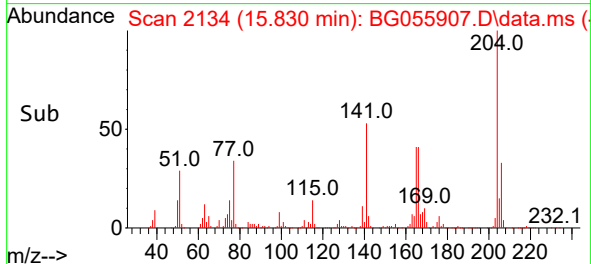
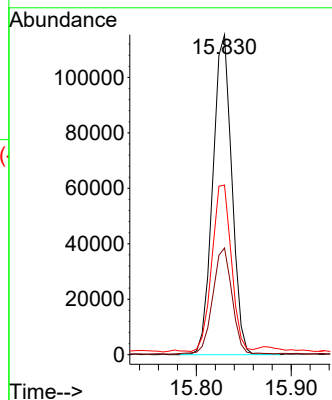
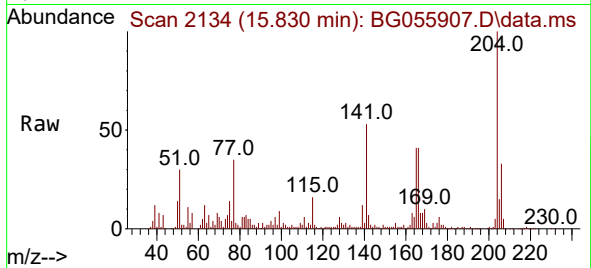




#61
4-Chlorophenyl-phenylether
Concen: 42.185 ng
RT: 15.830 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

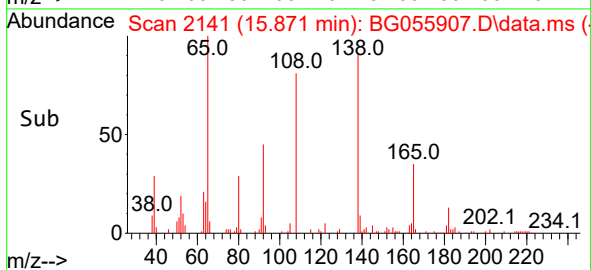
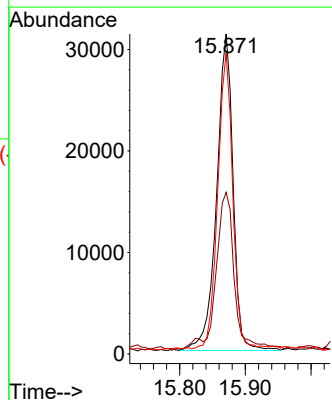
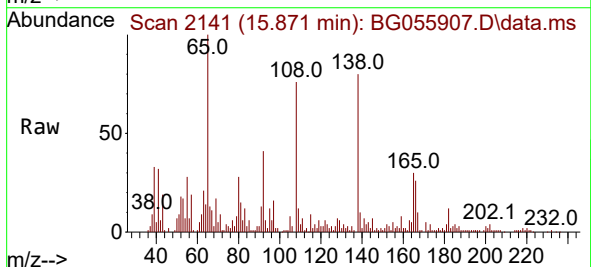
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

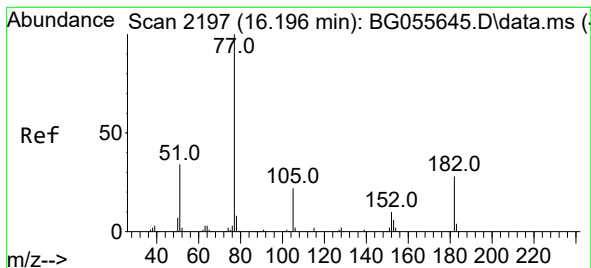
Tgt Ion:204 Resp: 160626
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 53.0 40.6 61.0



#62
4-Nitroaniline
Concen: 31.391 ng
RT: 15.871 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:138 Resp: 54148
Ion Ratio Lower Upper
138 100
92 50.5 27.3 67.3
108 94.0 62.8 102.8





#63

Azobenzene

Concen: 41.878 ng

RT: 16.123 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

Tgt Ion: 77 Resp: 271753

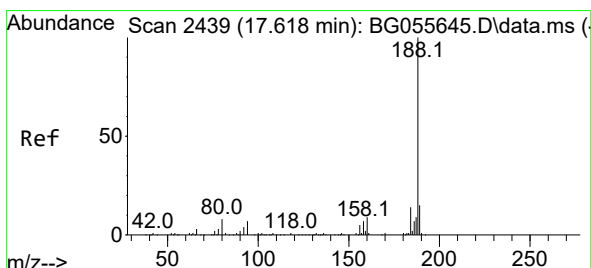
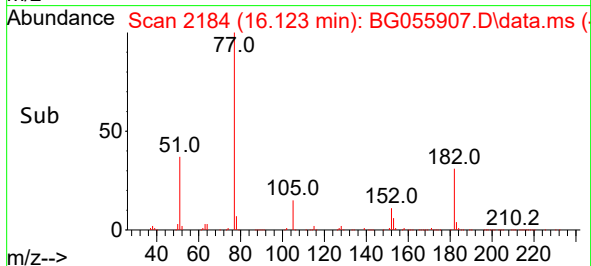
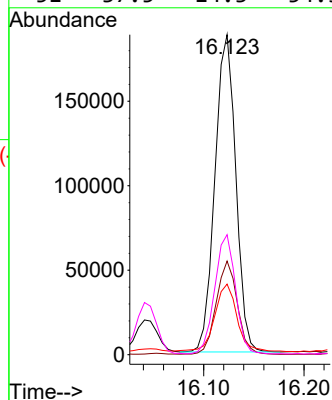
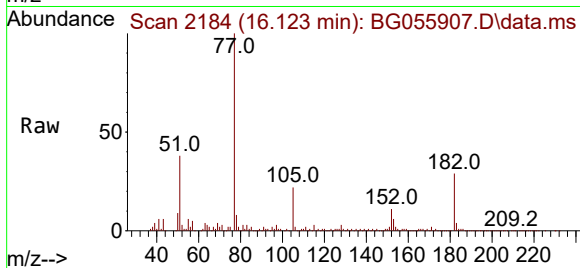
Ion Ratio Lower Upper

77 100

182 29.3 8.1 48.1

105 22.1 1.8 41.8

51 37.5 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

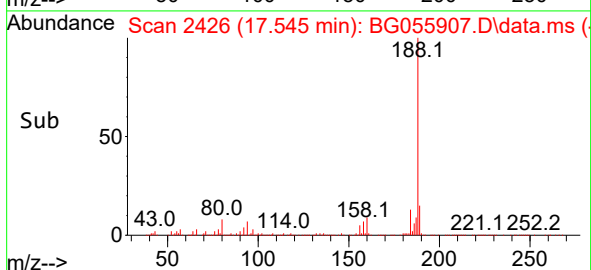
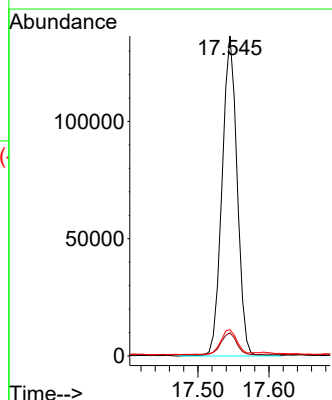
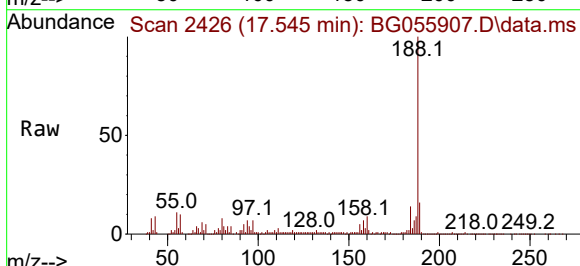
Tgt Ion:188 Resp: 200101

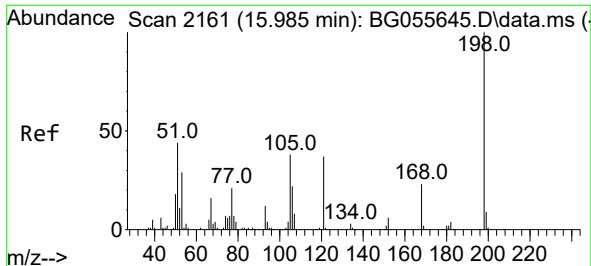
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.2 6.6 10.0

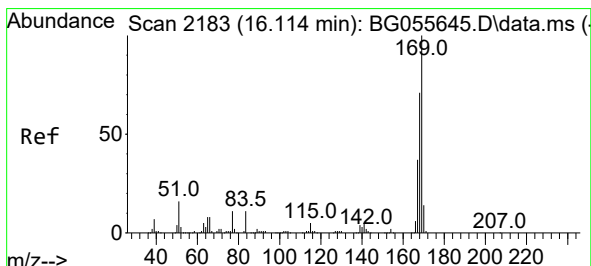
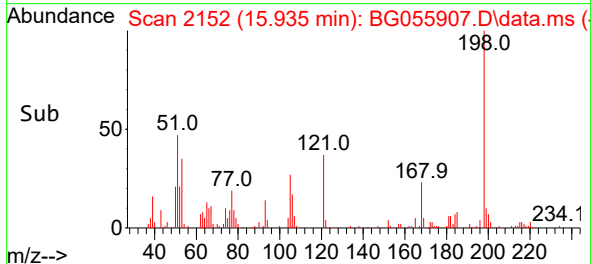
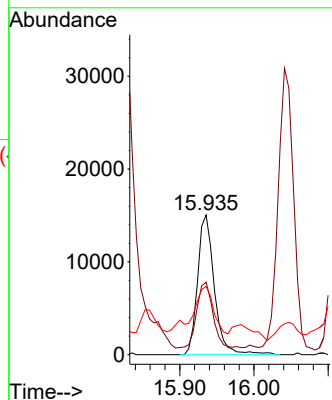
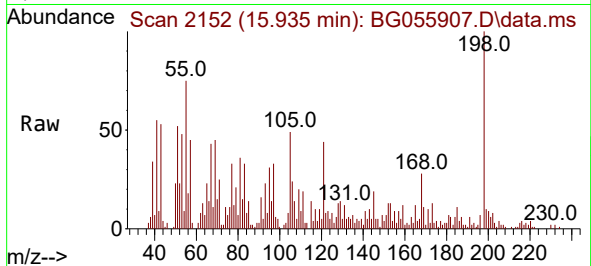




#65
4,6-Dinitro-2-methylphenol
Concen: 21.131 ng
RT: 15.935 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

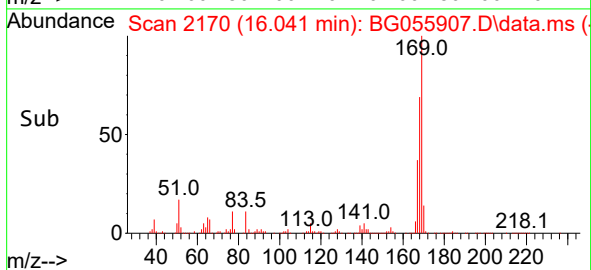
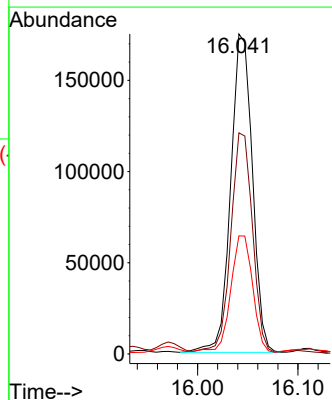
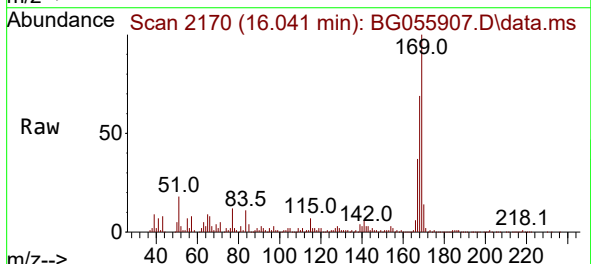
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

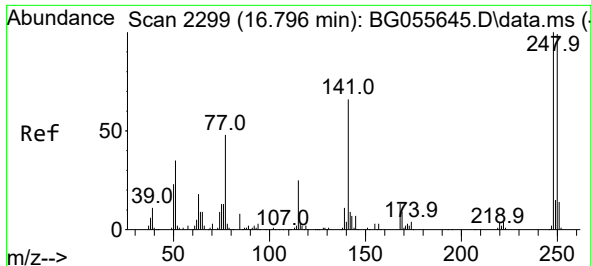
Tgt Ion:198 Resp: 23611
Ion Ratio Lower Upper
198 100
51 51.9 27.7 67.7
105 48.9 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 47.571 ng
RT: 16.041 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:169 Resp: 262333
Ion Ratio Lower Upper
169 100
168 69.1 56.6 85.0
167 36.9 29.9 44.9

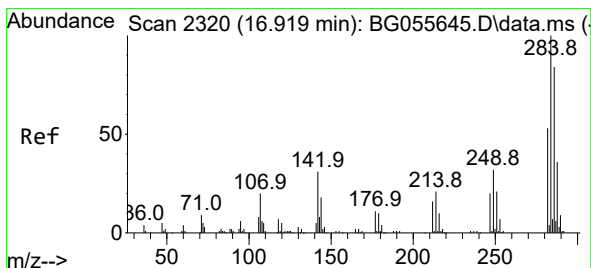
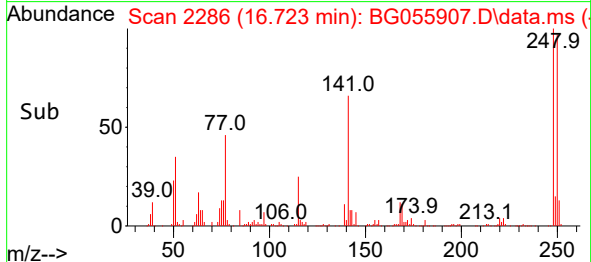
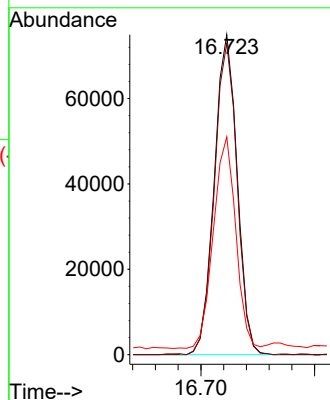
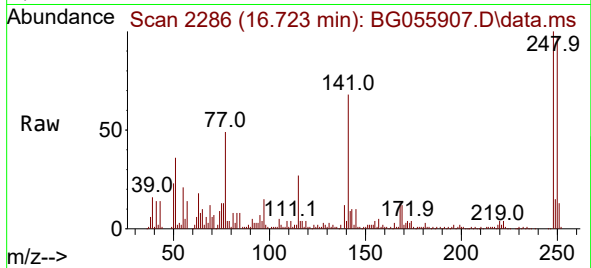




#67
4-Bromophenyl-phenylether
Concen: 45.939 ng
RT: 16.723 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

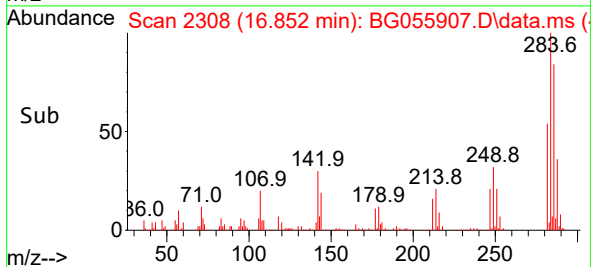
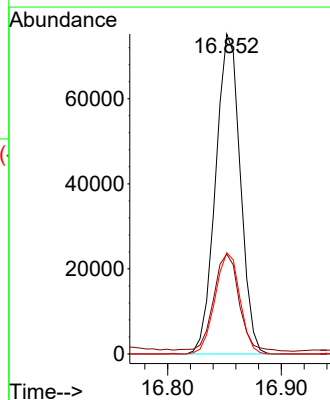
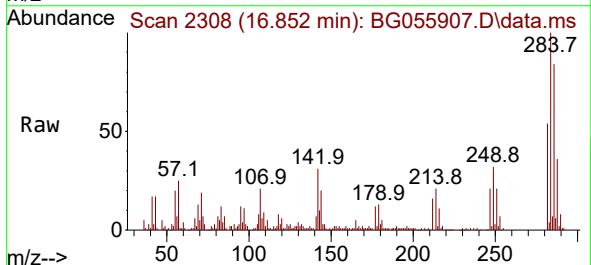
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

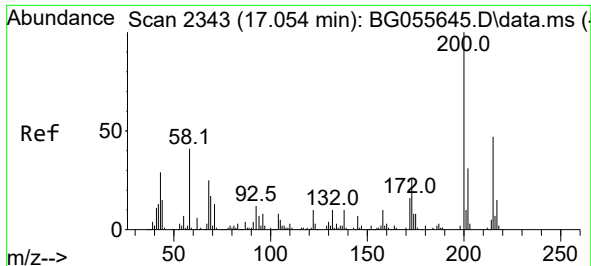
Tgt Ion:248 Resp: 104738
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.4
141 68.0 52.9 79.3



#68
Hexachlorobenzene
Concen: 44.873 ng
RT: 16.852 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:284 Resp: 113441
Ion Ratio Lower Upper
284 100
142 31.2 24.8 37.2
249 31.6 25.7 38.5

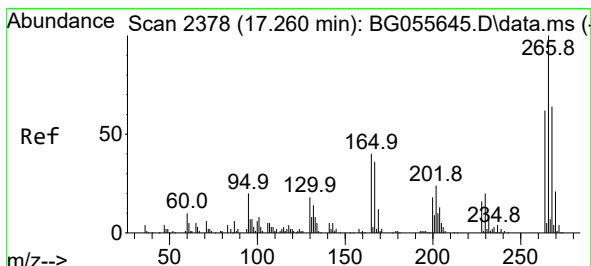
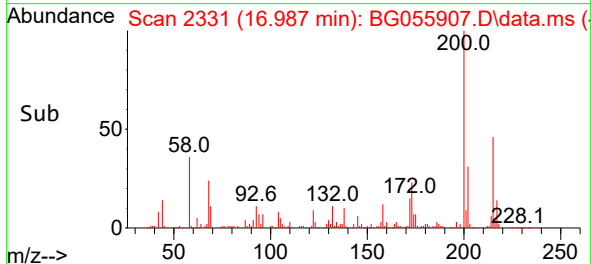
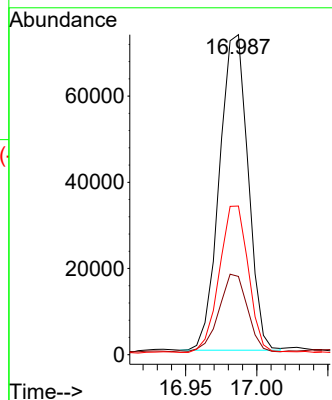
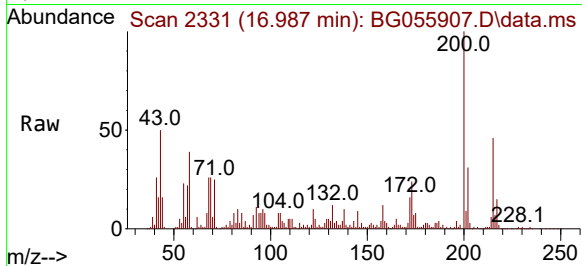




#69
 Atrazine
 Concen: 47.101 ng
 RT: 16.987 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

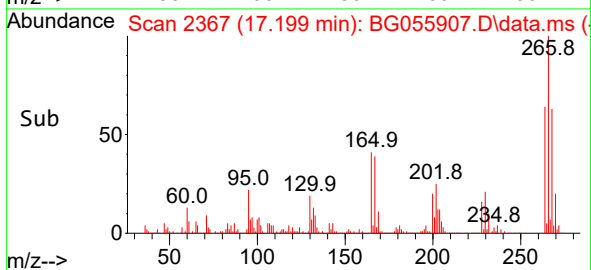
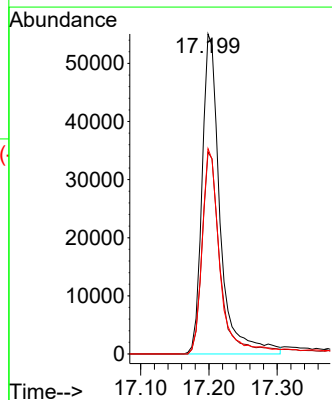
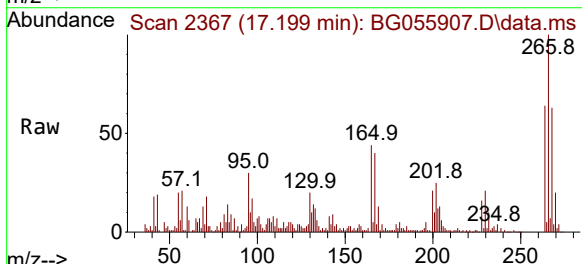
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MS

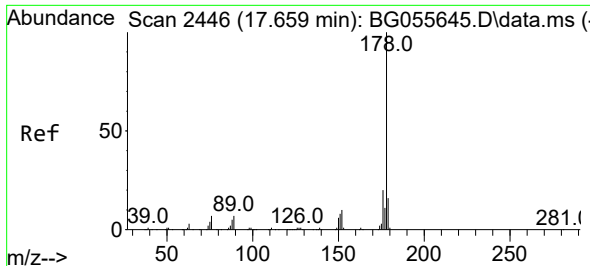
Tgt Ion:200 Resp: 102727
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.6 45.6
 215 46.5 27.2 67.2



#70
 Pentachlorophenol
 Concen: 65.287 ng
 RT: 17.199 min Scan# 2367
 Delta R.T. 0.000 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

Tgt Ion:266 Resp: 100965
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.2 76.8
 264 64.1 49.5 74.3

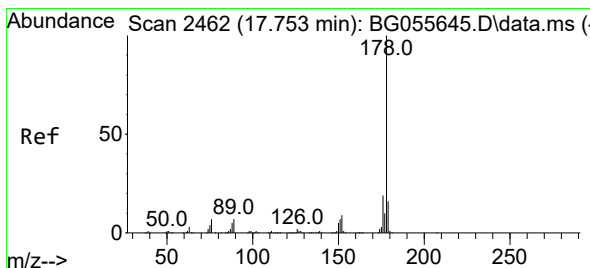
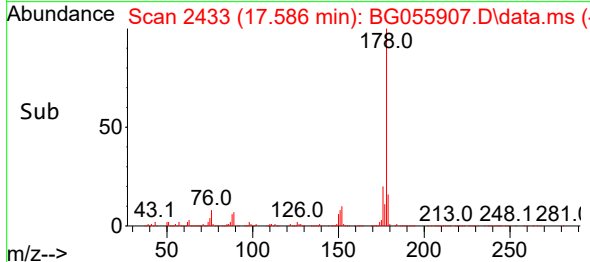
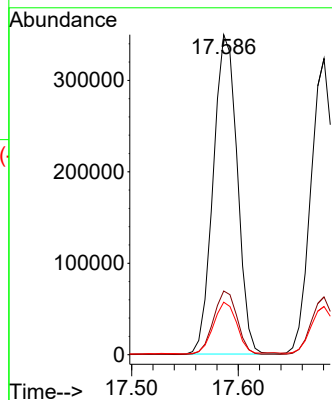
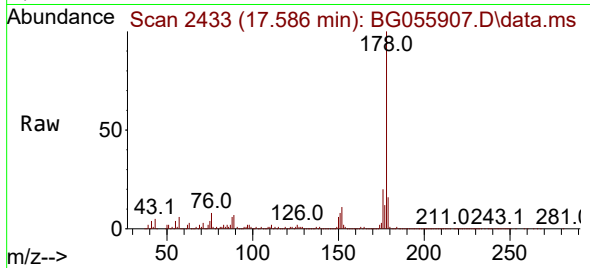




#71
Phenanthrene
Concen: 50.643 ng
RT: 17.586 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

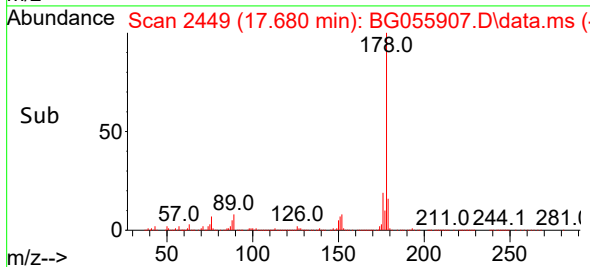
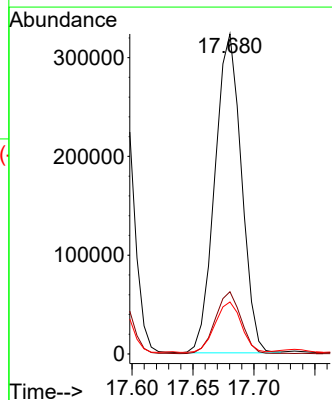
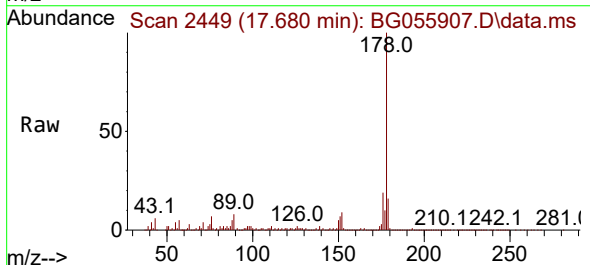
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

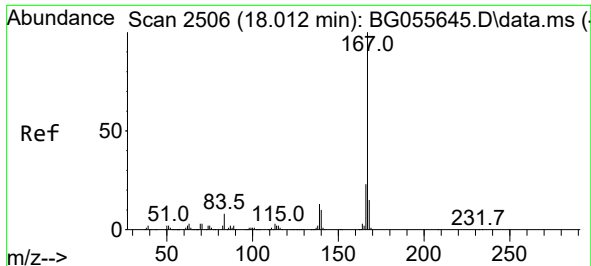
Tgt Ion:178 Resp: 546861
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.4 12.7 19.1



#72
Anthracene
Concen: 46.636 ng
RT: 17.680 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG055907.D
Acq: 6 Dec 2022 17:23

Tgt Ion:178 Resp: 489295
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.3 12.5 18.7

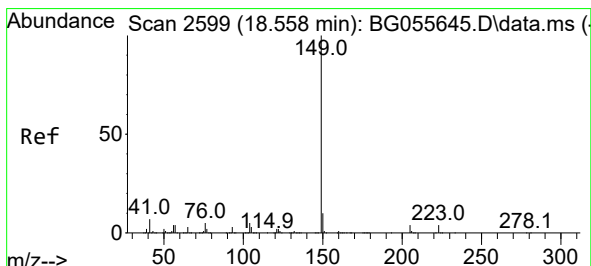
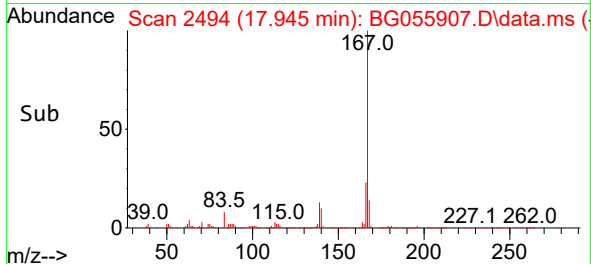
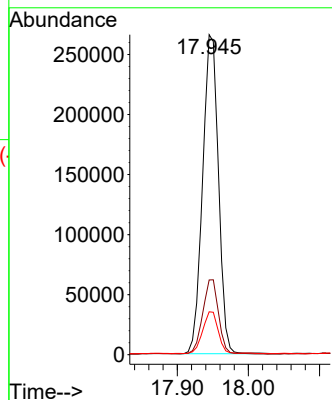
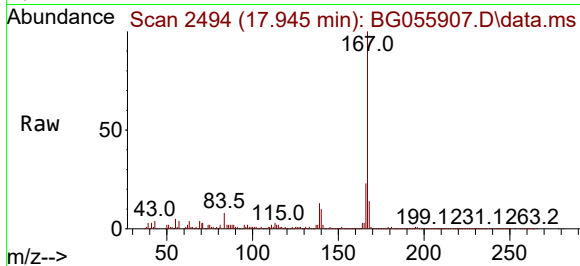




#73
 Carbazole
 Concen: 43.753 ng
 RT: 17.945 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

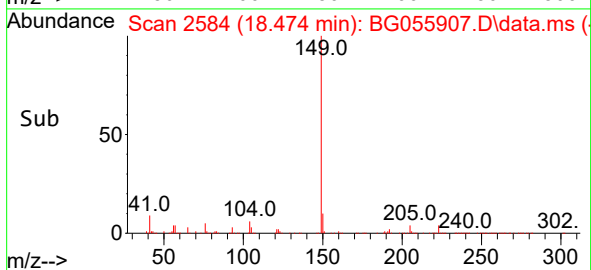
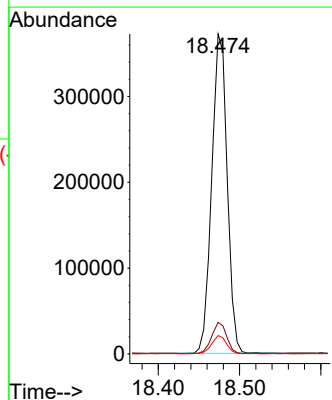
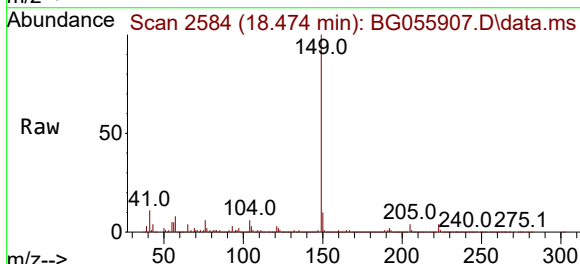
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MS

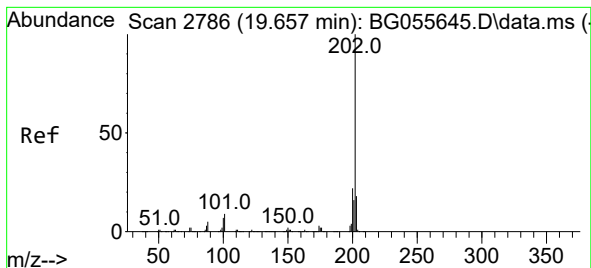
Tgt Ion:167 Resp: 412679
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.2
 139 13.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 41.851 ng
 RT: 18.474 min Scan# 2584
 Delta R.T. 0.000 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

Tgt Ion:149 Resp: 490153
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.8 4.0 6.0





#75

Fluoranthene

Concen: 48.995 ng

RT: 19.590 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

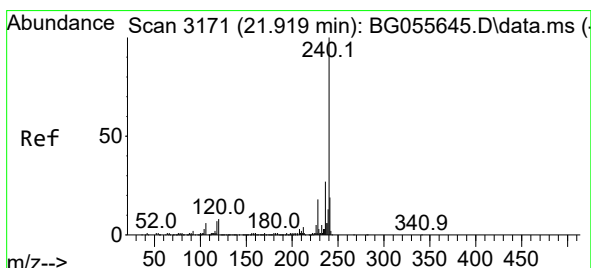
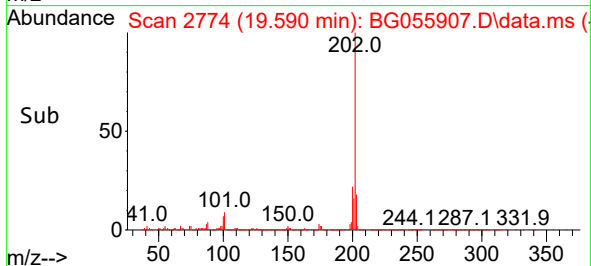
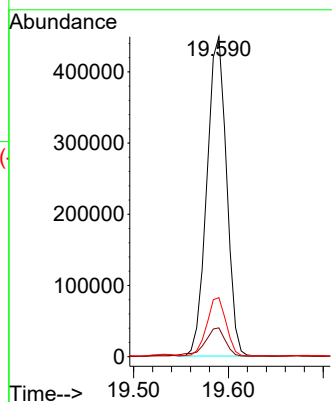
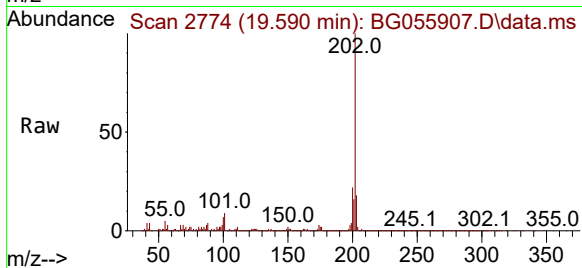
Tgt Ion:202 Resp: 643637

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.8

203 18.5 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.828 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

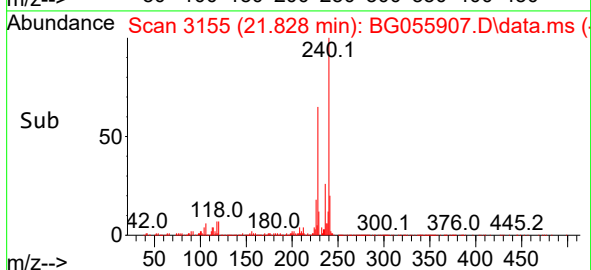
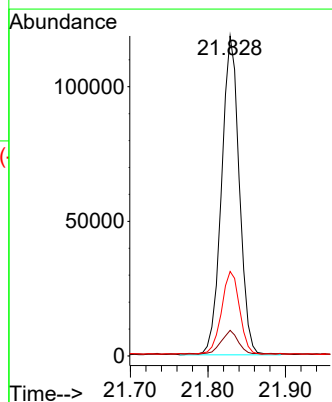
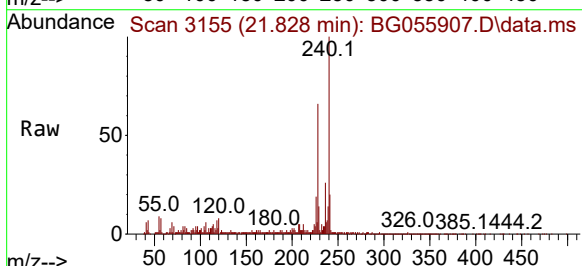
Tgt Ion:240 Resp: 188554

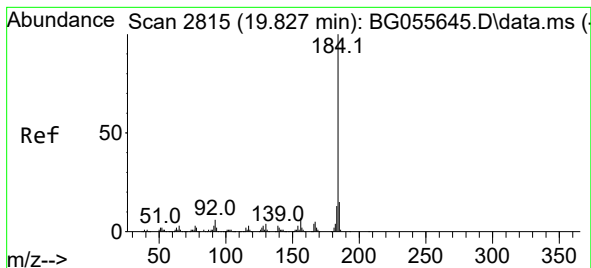
Ion Ratio Lower Upper

240 100

120 8.0 6.3 9.5

236 26.4 21.9 32.9





#77

Benzidine

Concen: 45.746 ng

RT: 19.760 min Scan# 2803

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

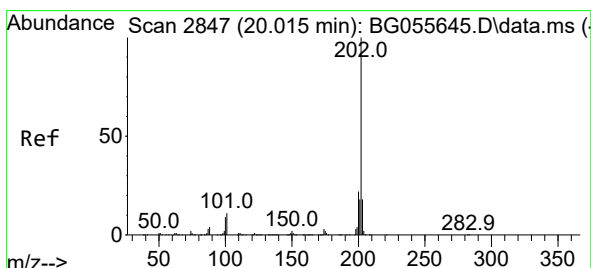
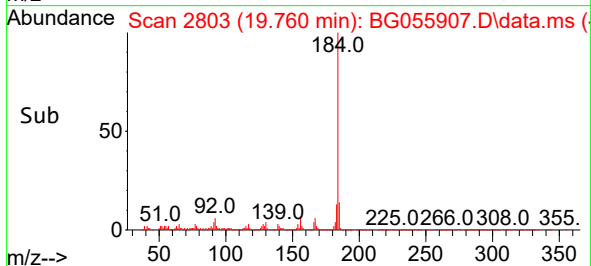
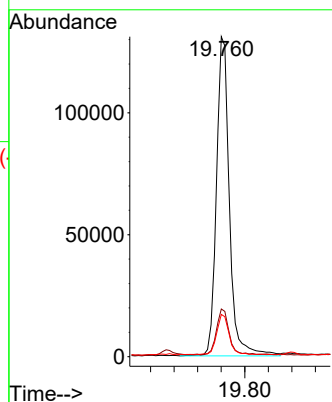
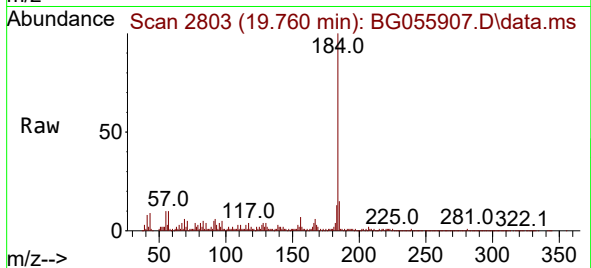
Tgt Ion:184 Resp: 199547

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

183 13.2 10.6 15.8



#78

Pyrene

Concen: 51.828 ng

RT: 19.948 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

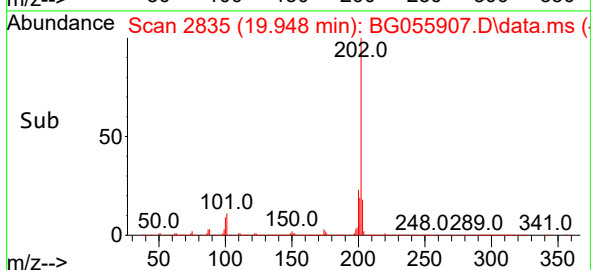
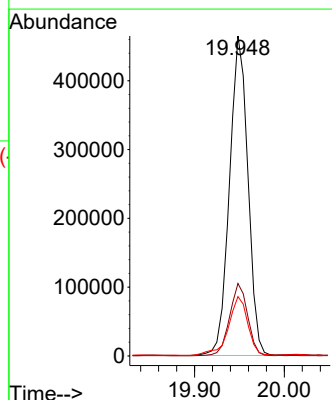
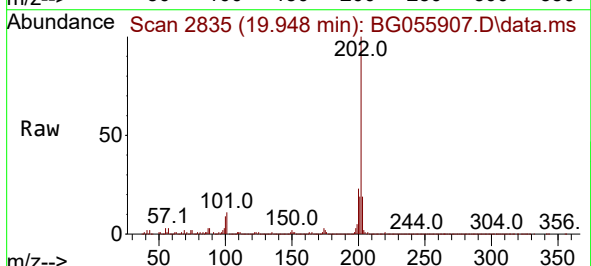
Tgt Ion:202 Resp: 661470

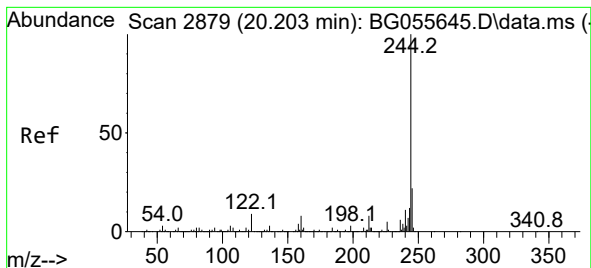
Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

203 18.5 14.4 21.6





#79

Terphenyl-d14

Concen: 68.827 ng

RT: 20.130 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

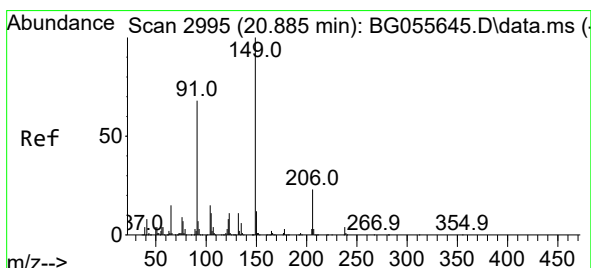
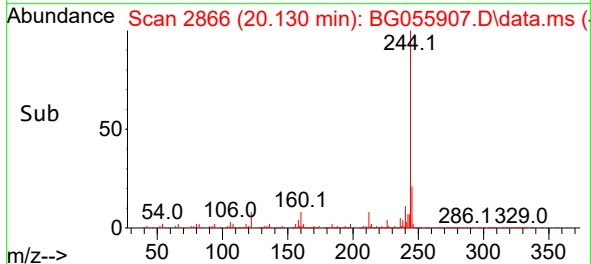
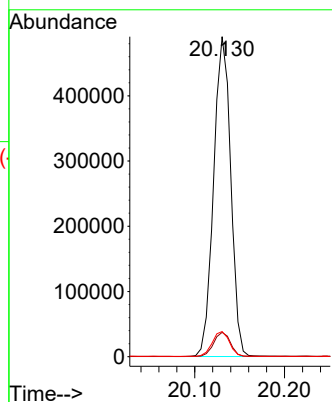
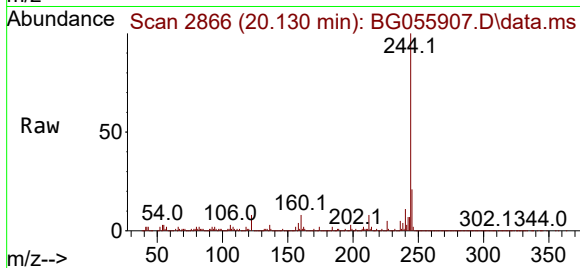
Tgt Ion:244 Resp: 648839

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 7.8 6.9 10.3



#80

Butylbenzylphthalate

Concen: 42.731 ng

RT: 20.806 min Scan# 2981

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

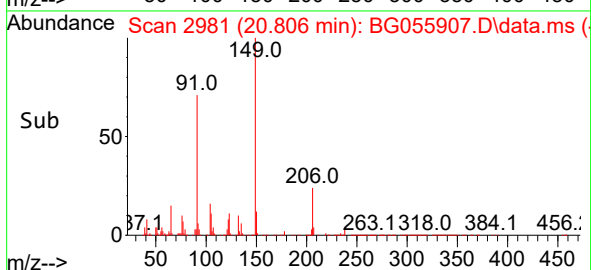
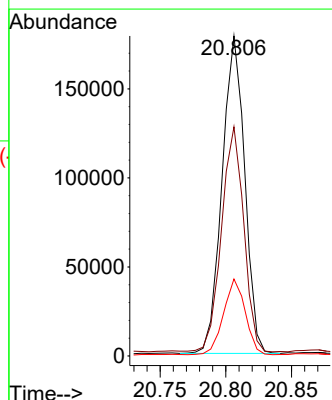
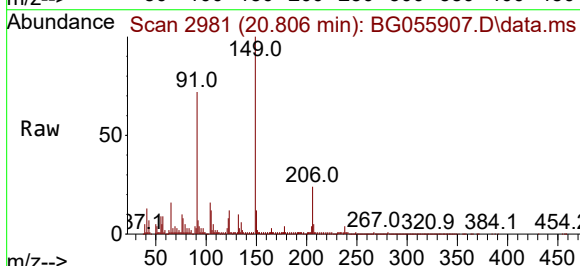
Tgt Ion:149 Resp: 213501

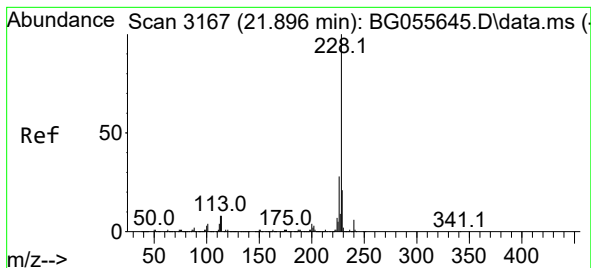
Ion Ratio Lower Upper

149 100

91 71.6 54.6 81.8

206 24.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 48.536 ng

RT: 21.811 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

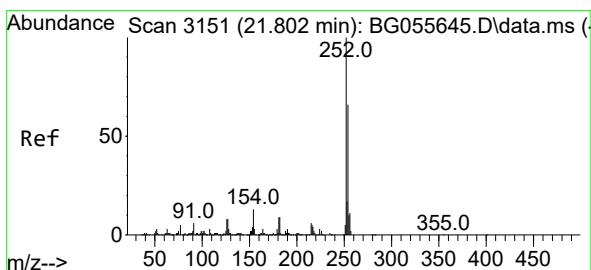
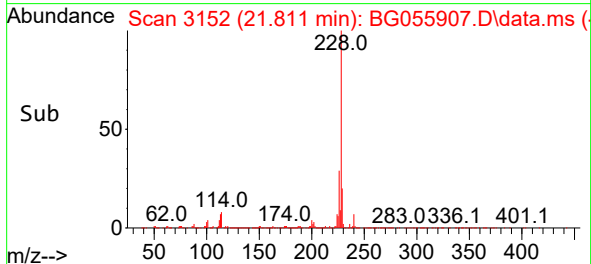
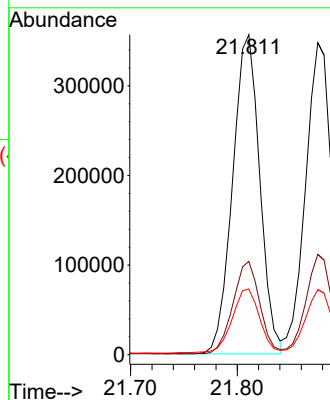
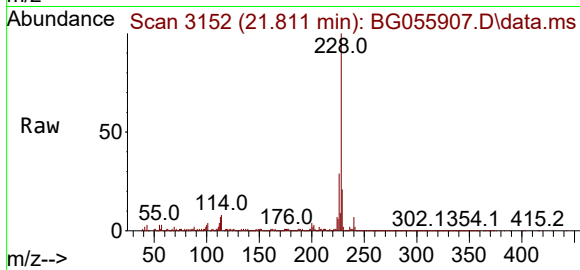
Tgt Ion:228 Resp: 630326

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

229 20.5 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 16.319 ng

RT: 21.711 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

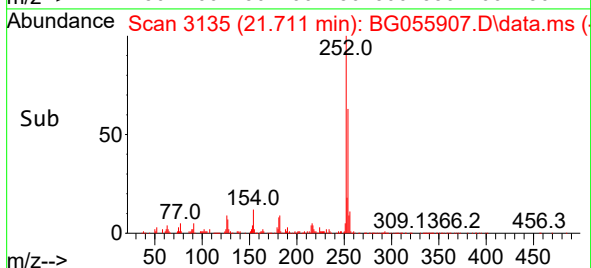
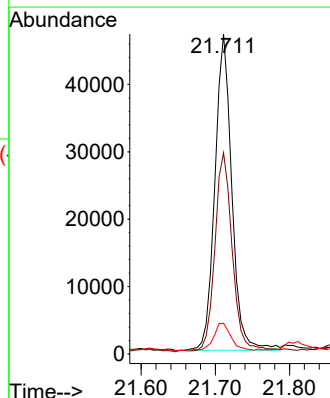
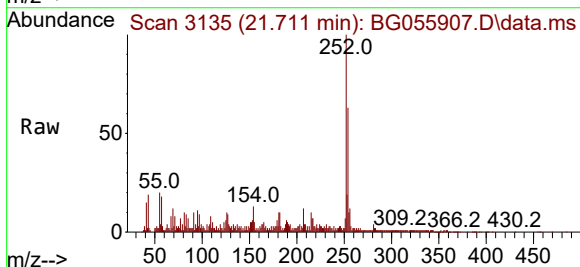
Tgt Ion:252 Resp: 74469

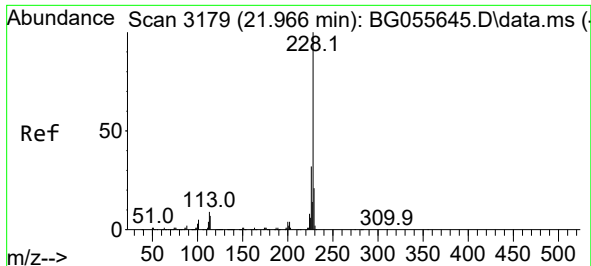
Ion Ratio Lower Upper

252 100

254 62.9 53.0 79.6

126 9.6 6.7 10.1

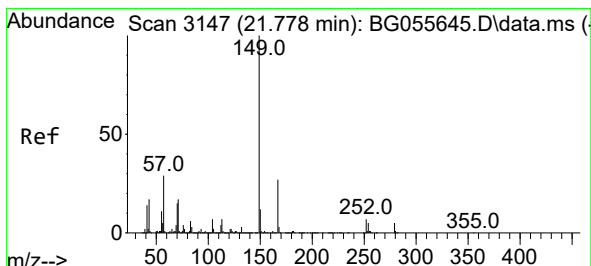
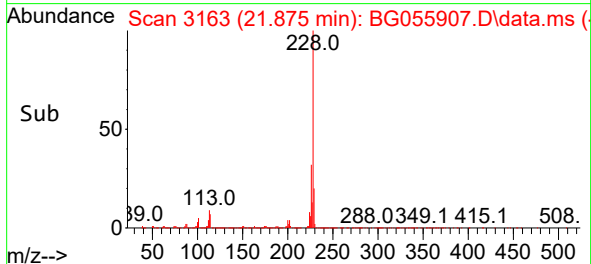
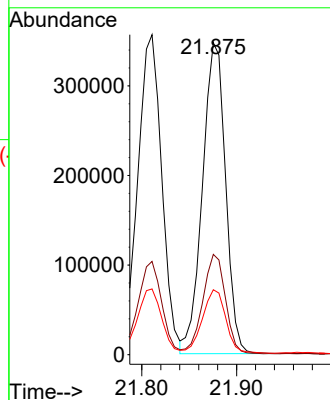
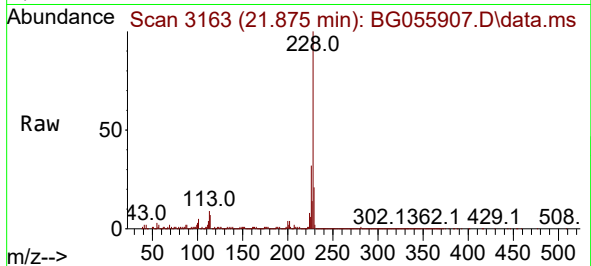




#83
 Chrysene
 Concen: 47.399 ng
 RT: 21.875 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

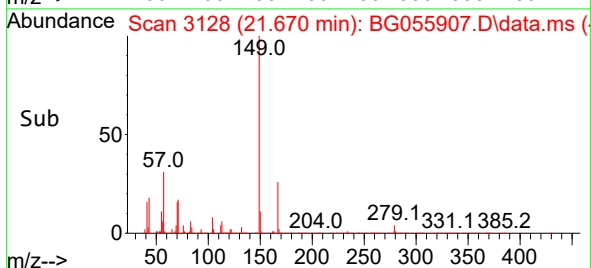
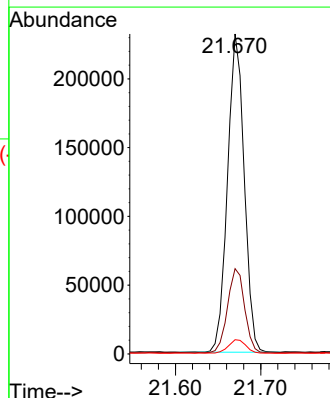
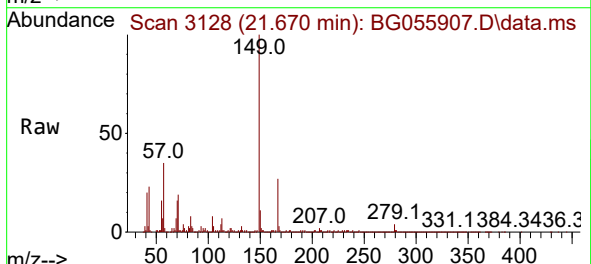
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MS

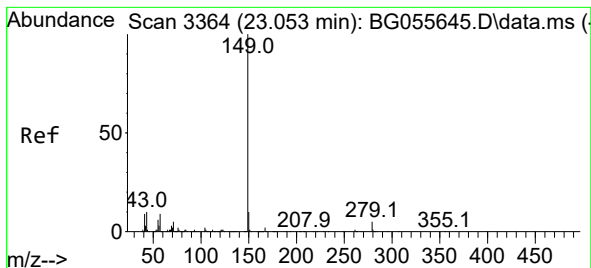
Tgt Ion:228 Resp: 586007
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.2
 229 20.8 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.798 ng
 RT: 21.670 min Scan# 3128
 Delta R.T. 0.000 min
 Lab File: BG055907.D
 Acq: 6 Dec 2022 17:23

Tgt Ion:149 Resp: 314490
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.0 33.0
 279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.528 ng

RT: 22.915 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

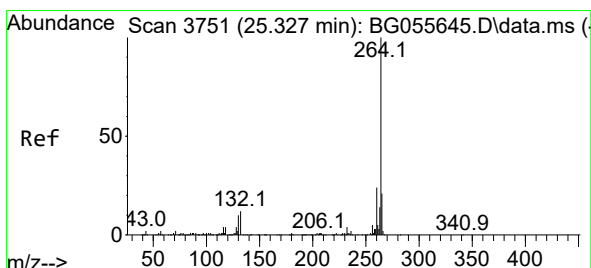
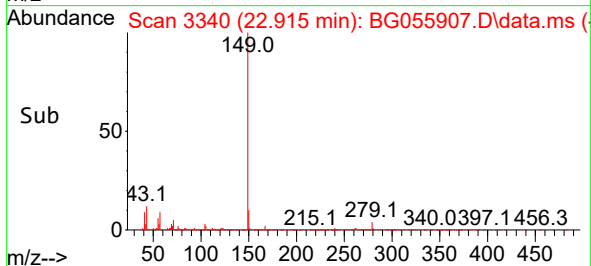
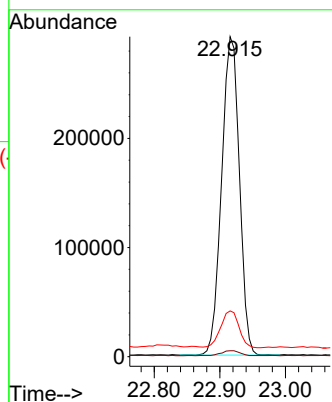
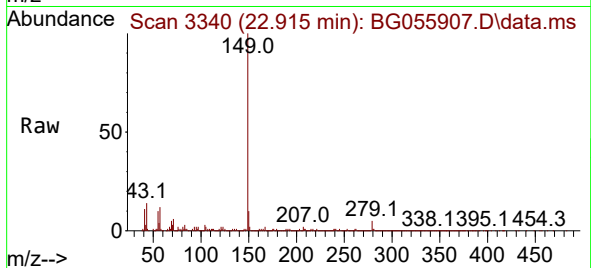
Tgt Ion:149 Resp: 547166

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.1 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.183 min Scan# 3726

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

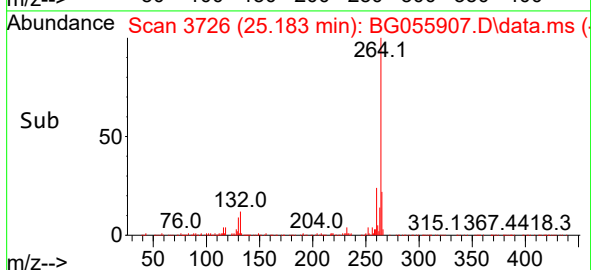
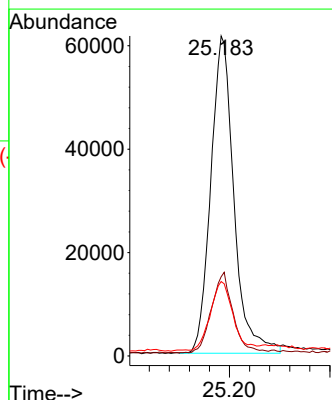
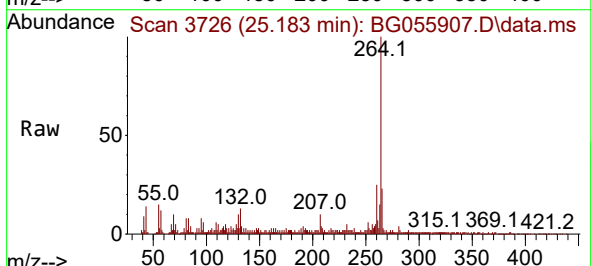
Tgt Ion:264 Resp: 196364

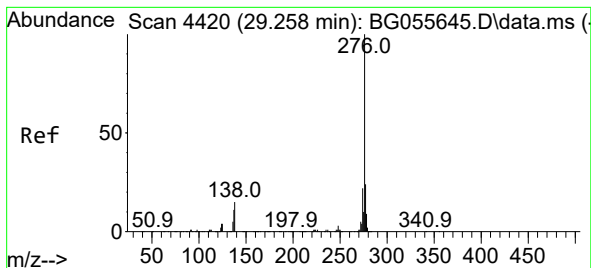
Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 23.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.834 ng

RT: 29.067 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

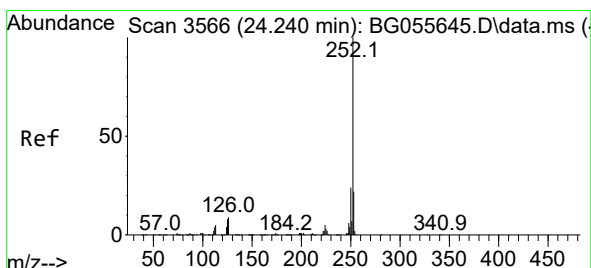
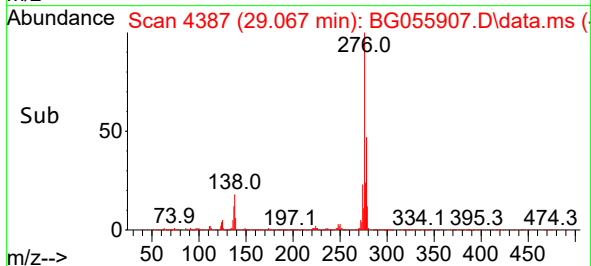
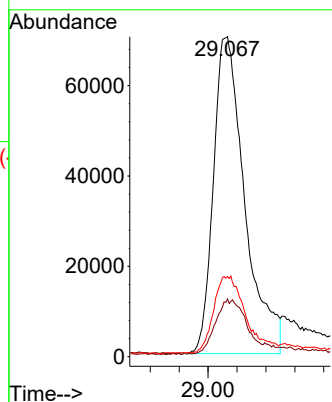
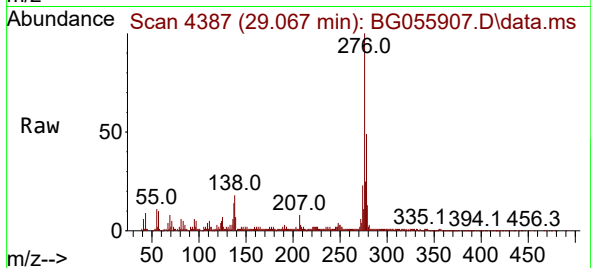
Tgt Ion:276 Resp: 528193

Ion Ratio Lower Upper

276 100

138 7.8 10.4 15.6#

277 9.8 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 50.118 ng

RT: 24.114 min Scan# 3544

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

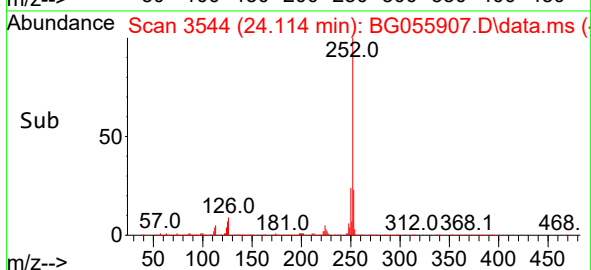
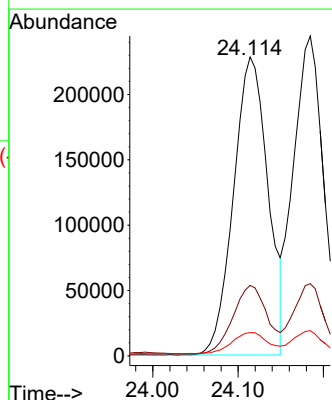
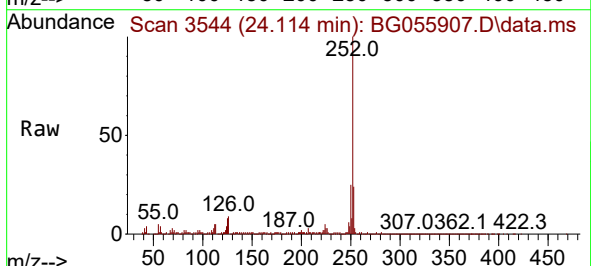
Tgt Ion:252 Resp: 640919

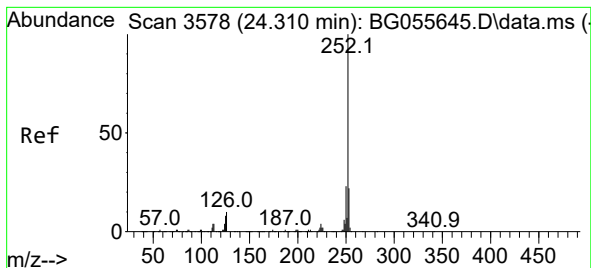
Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

125 7.8 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 48.926 ng

RT: 24.185 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

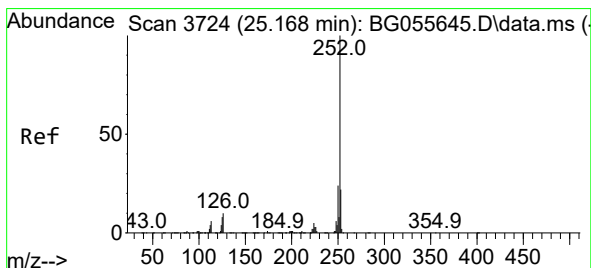
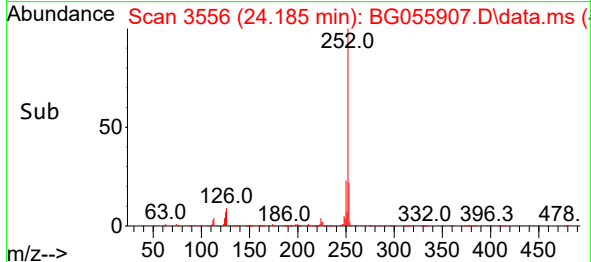
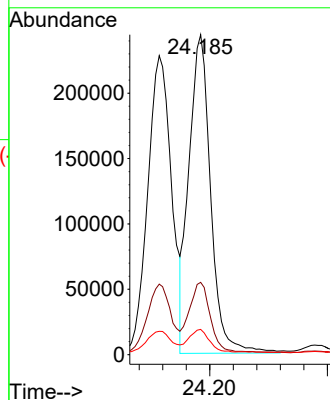
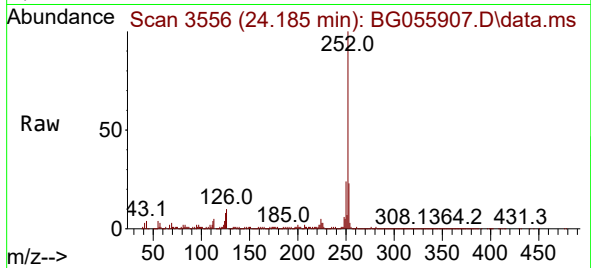
Tgt Ion:252 Resp: 623685

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 7.9 6.1 9.1



#90

Benzo(a)pyrene

Concen: 52.423 ng

RT: 25.031 min Scan# 3700

Delta R.T. 0.012 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

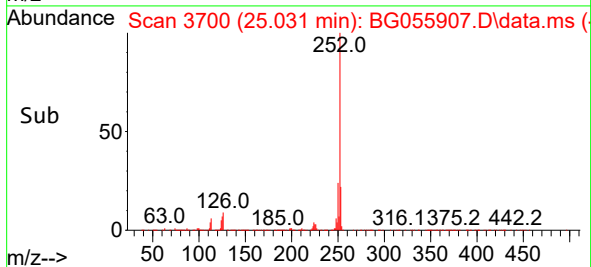
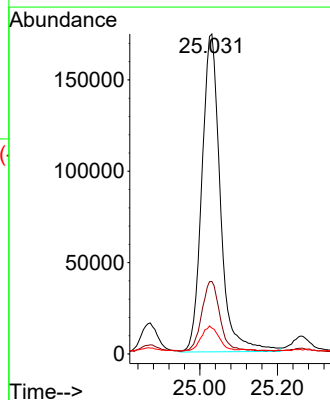
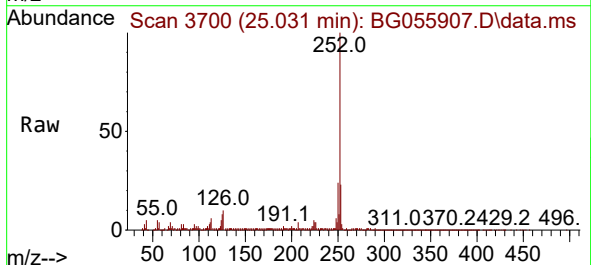
Tgt Ion:252 Resp: 575290

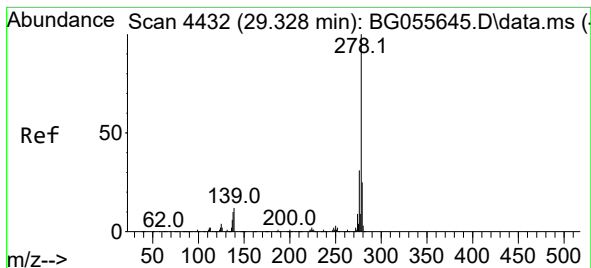
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 8.1 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 36.478 ng

RT: 29.108 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MS

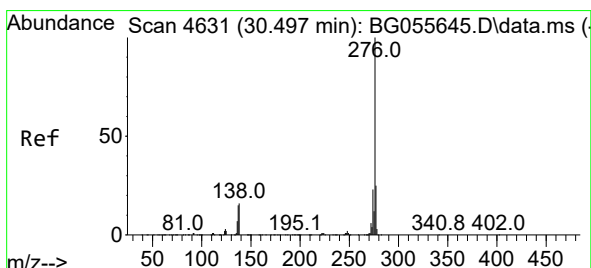
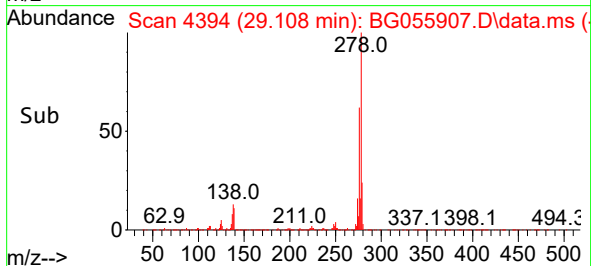
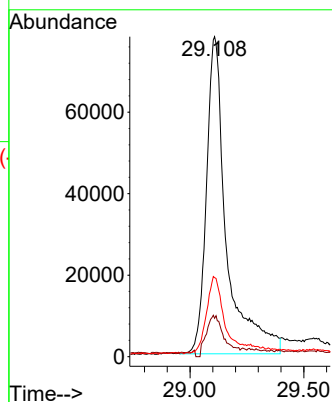
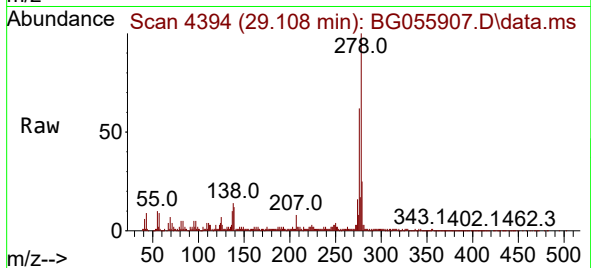
Tgt Ion:278 Resp: 479520

Ion Ratio Lower Upper

278 100

139 12.0 9.8 14.8

279 24.7 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 30.501 ng

RT: 30.266 min Scan# 4591

Delta R.T. 0.012 min

Lab File: BG055907.D

Acq: 6 Dec 2022 17:23

Tgt Ion:276 Resp: 404119

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 16.3 13.1 19.7

